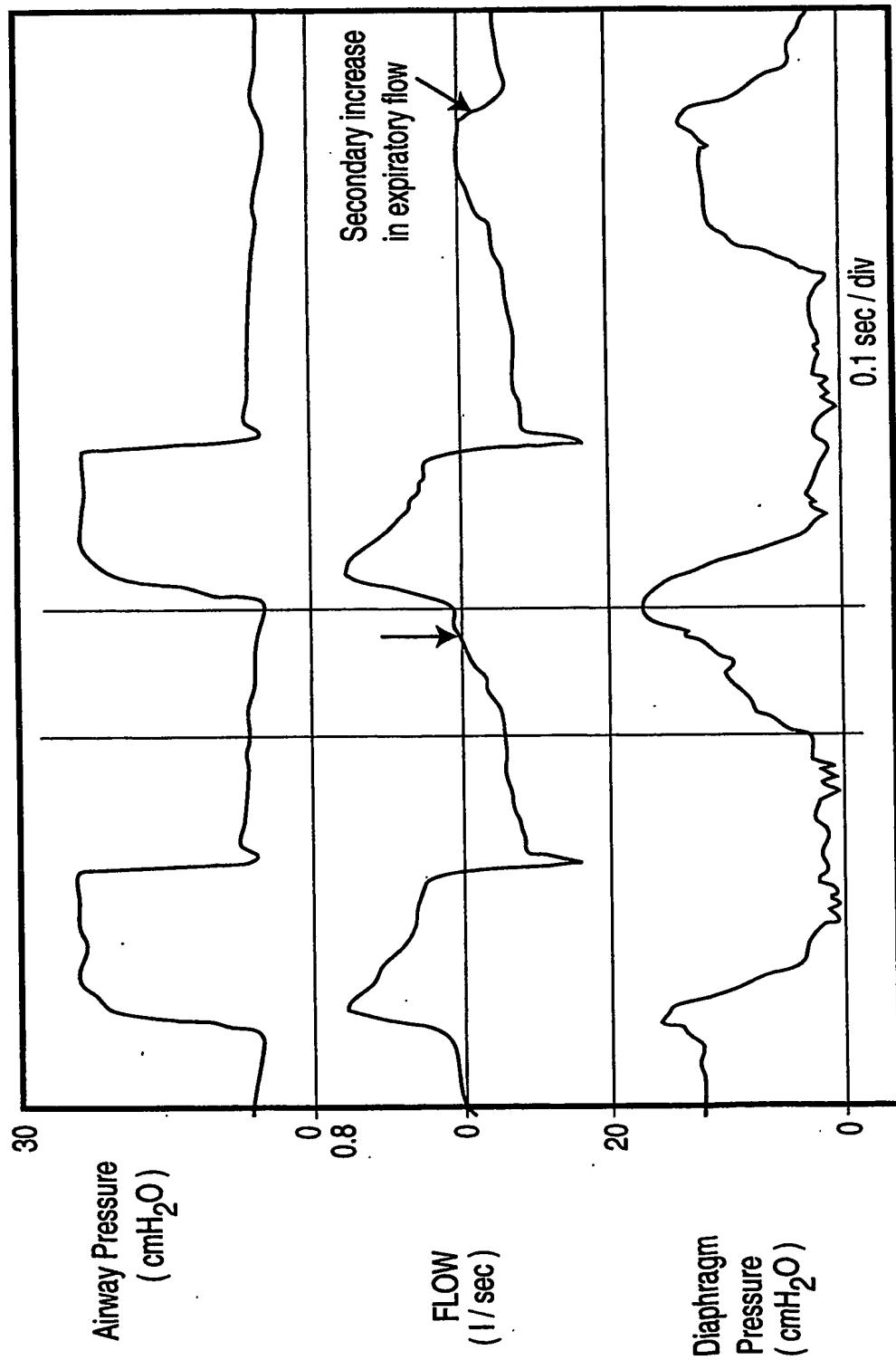


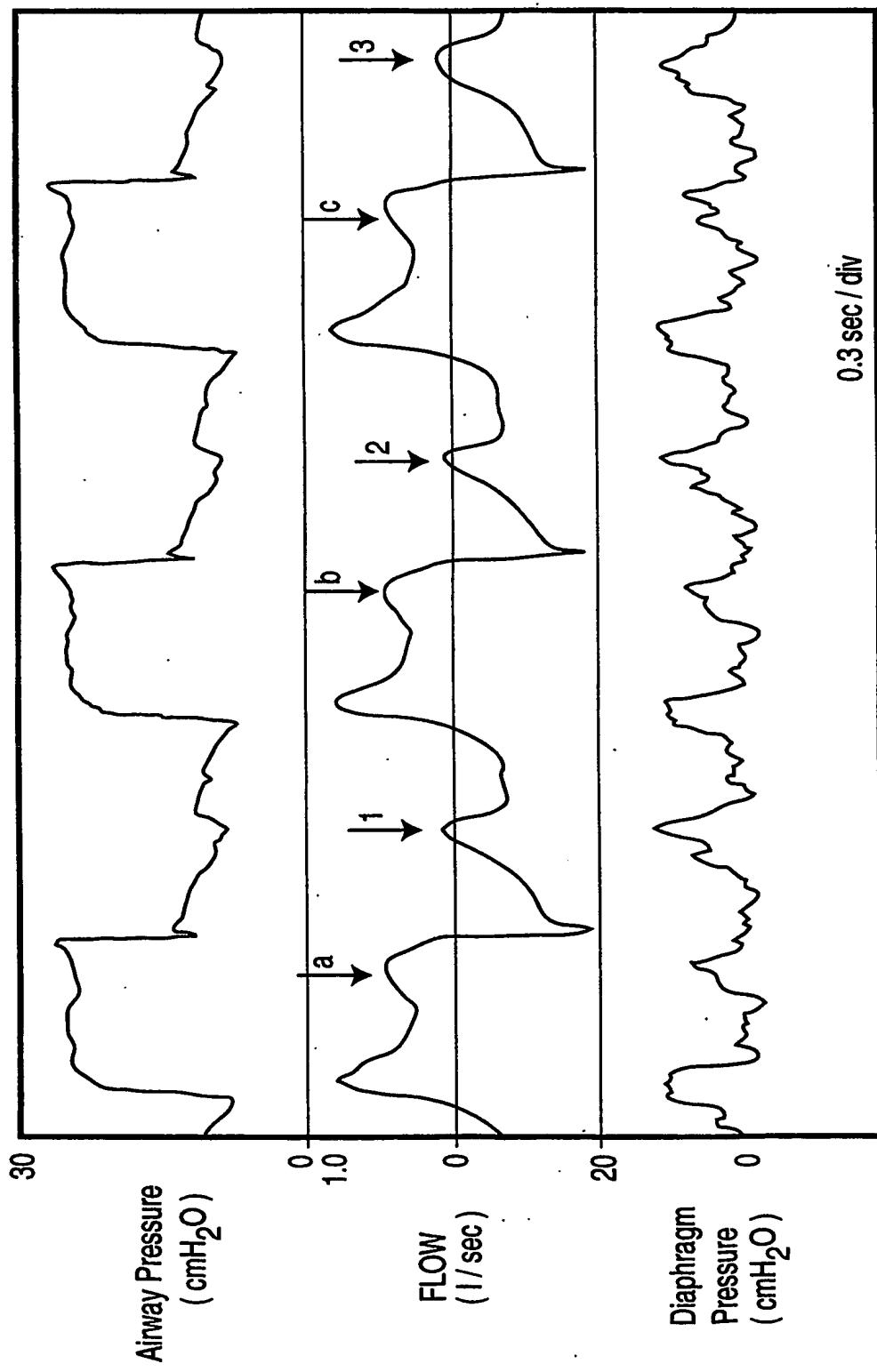
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Figure 1



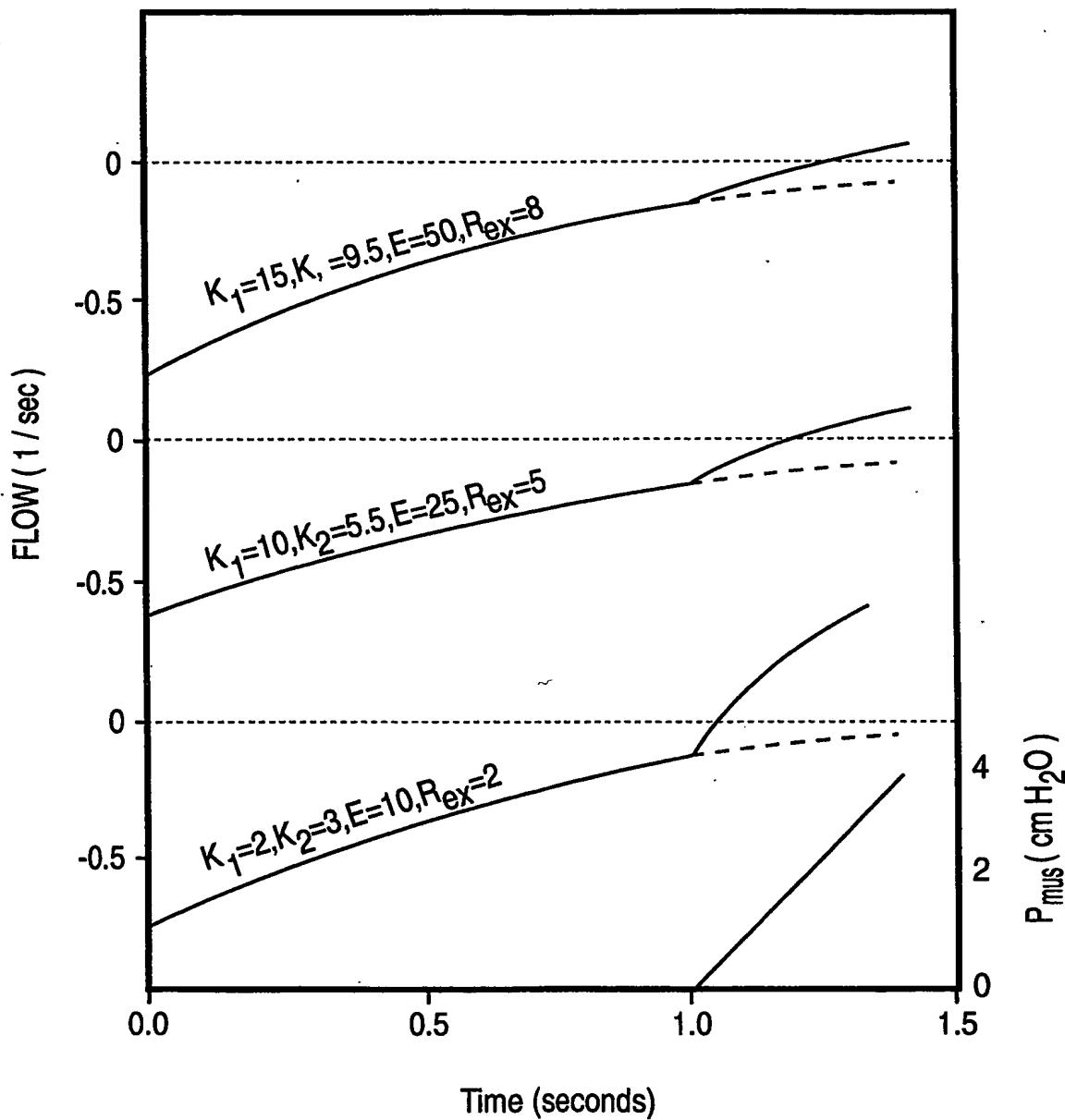
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Figure 2



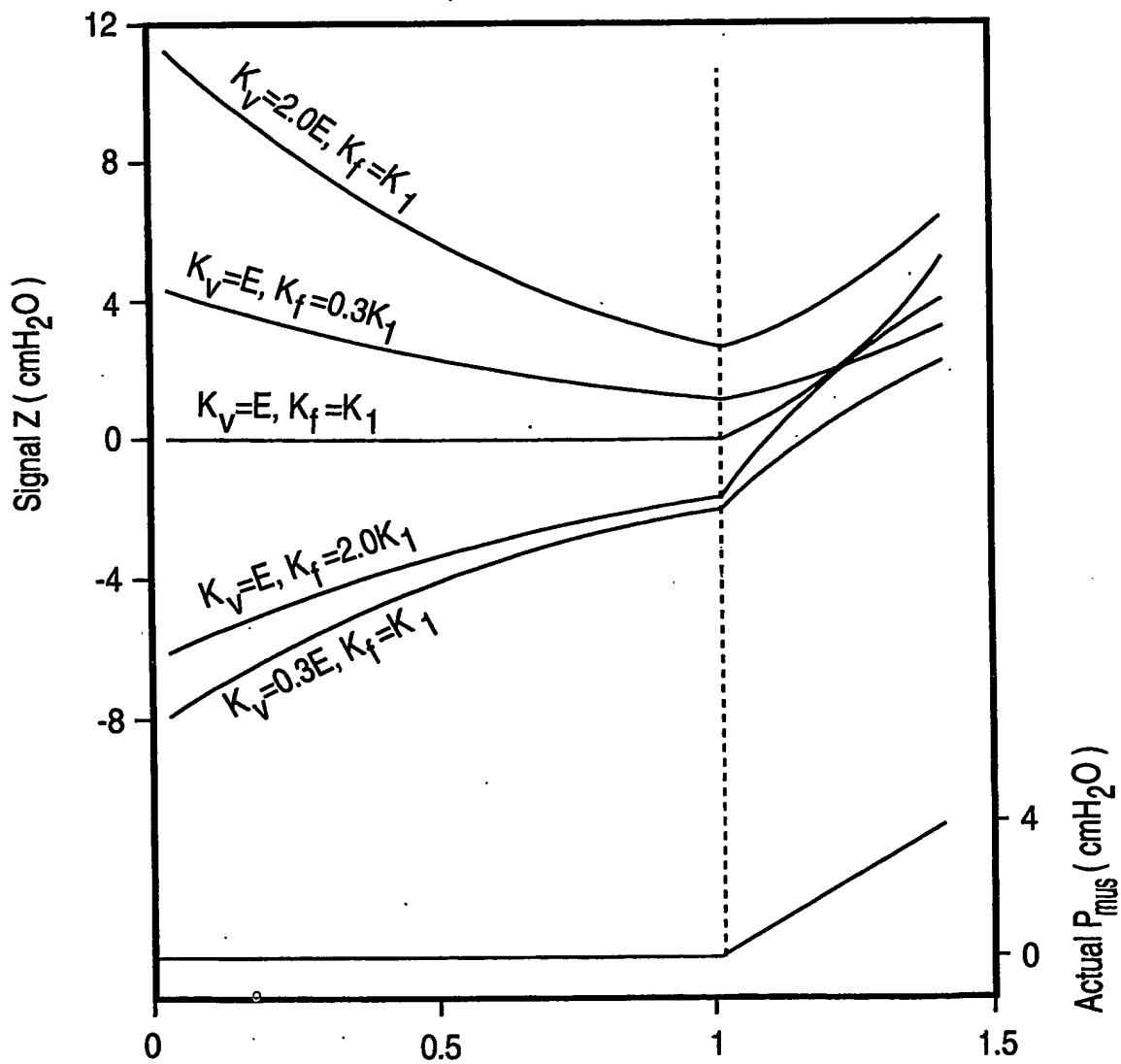
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Figure 3

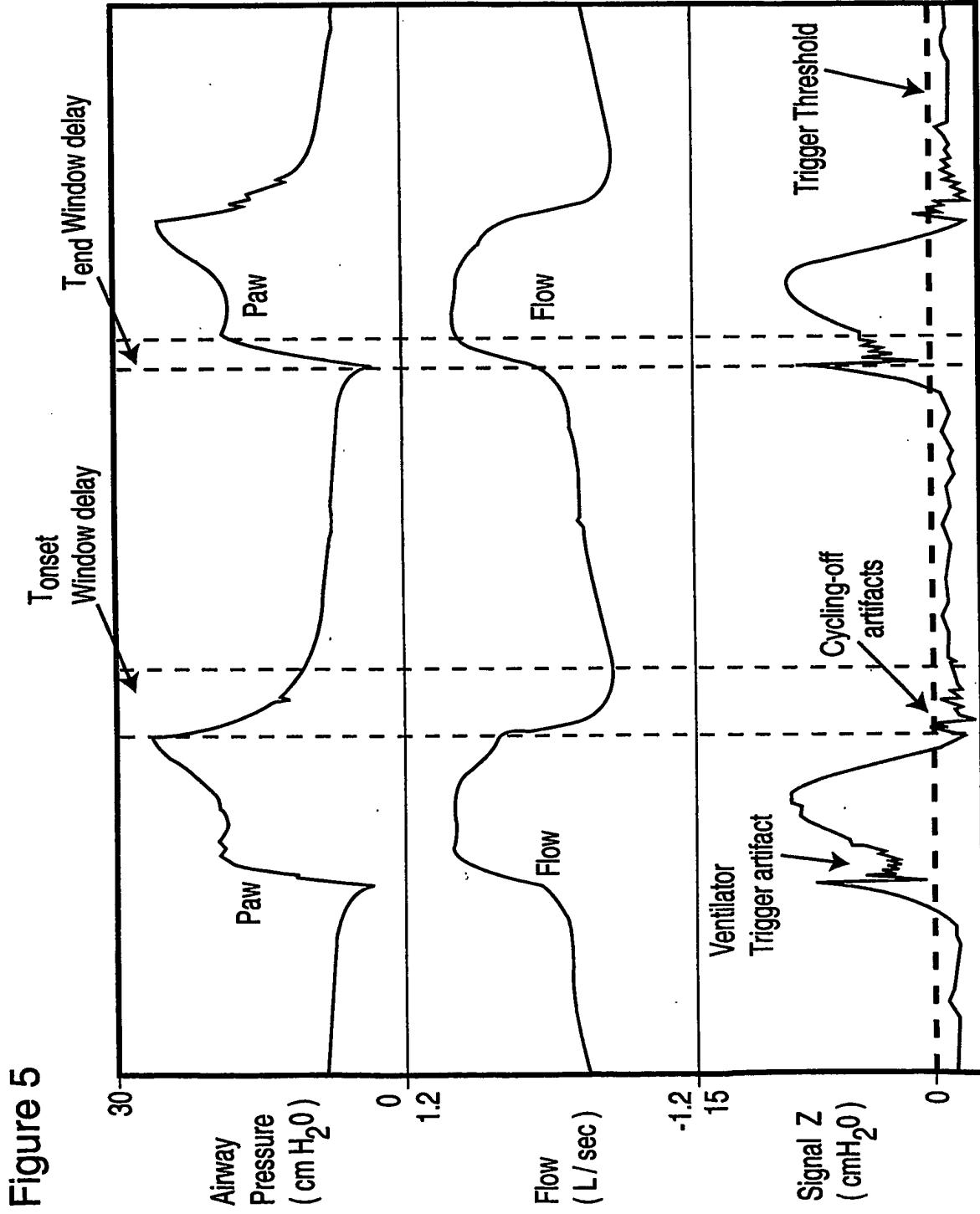


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Figure 4



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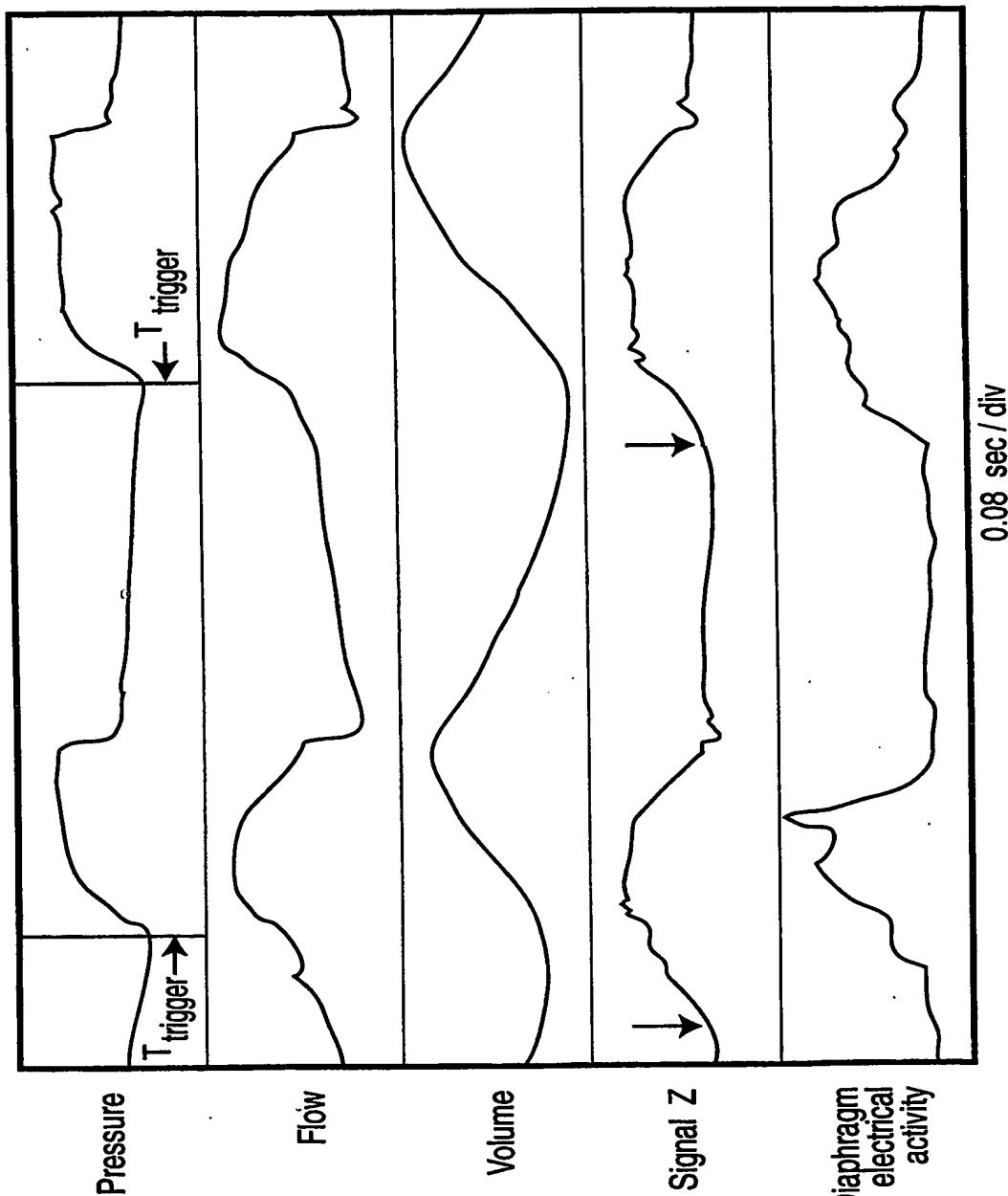


Figure 6

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Figure 7
Generation of pressure
and flow signals

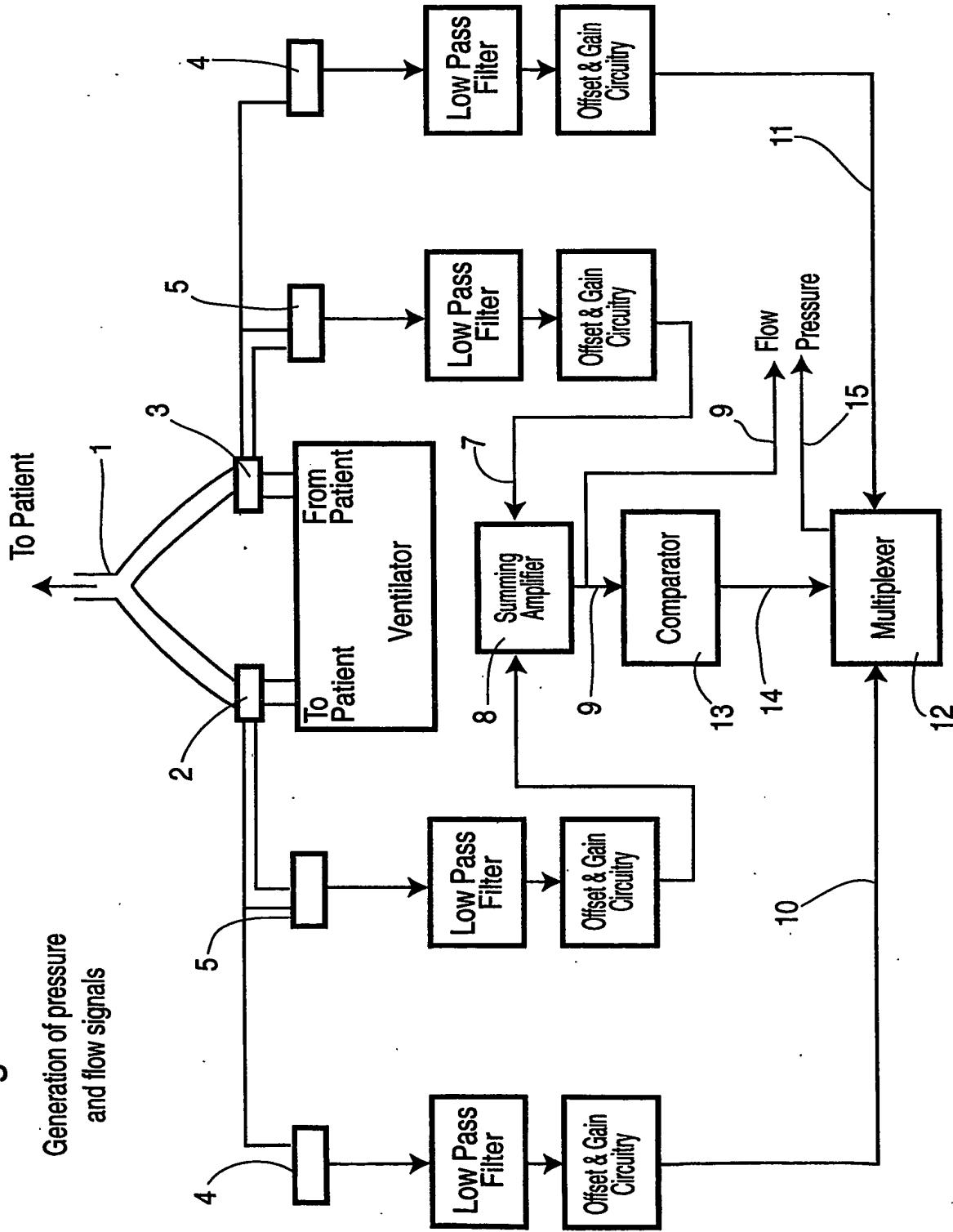
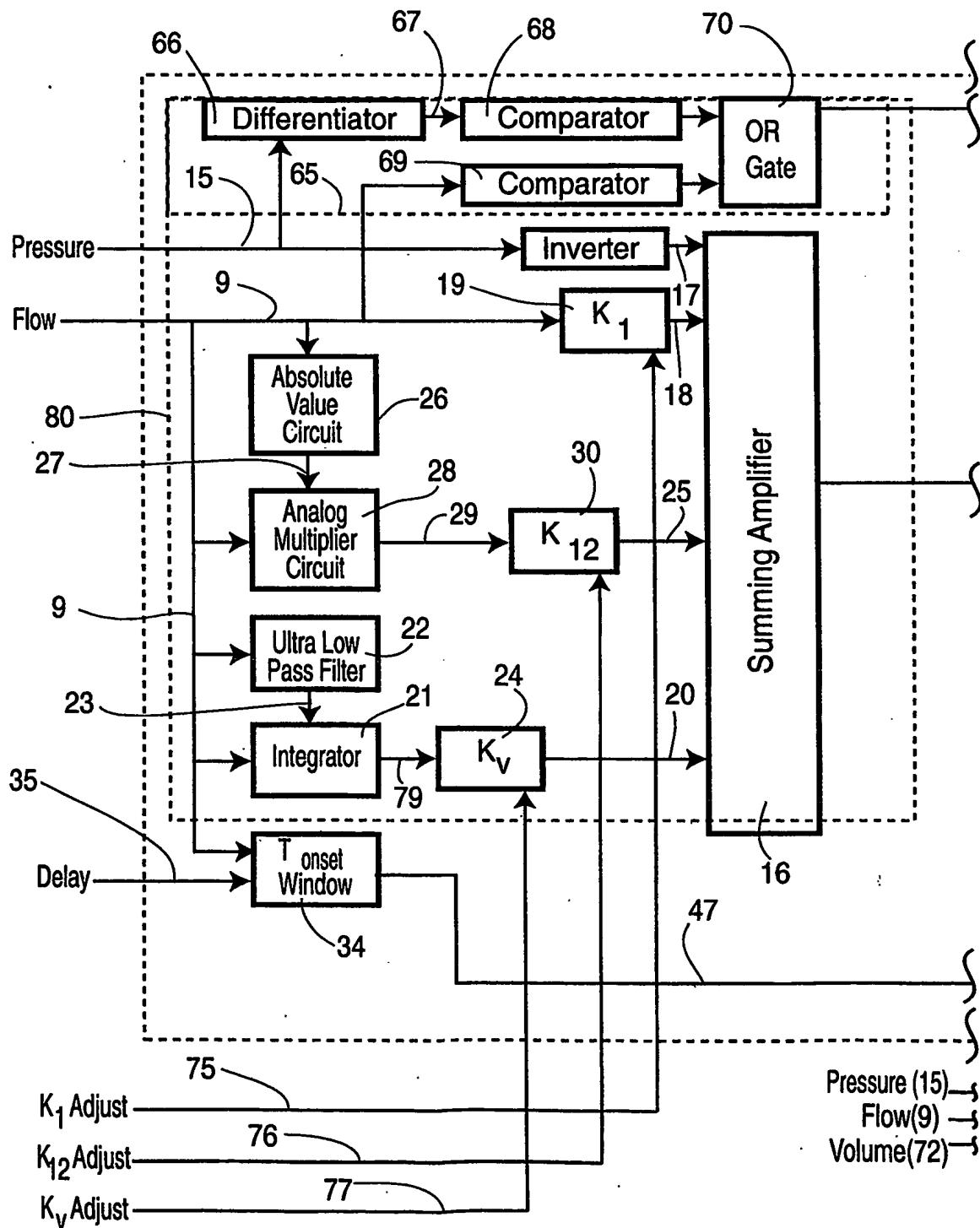


Figure 8A



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Figure 8B

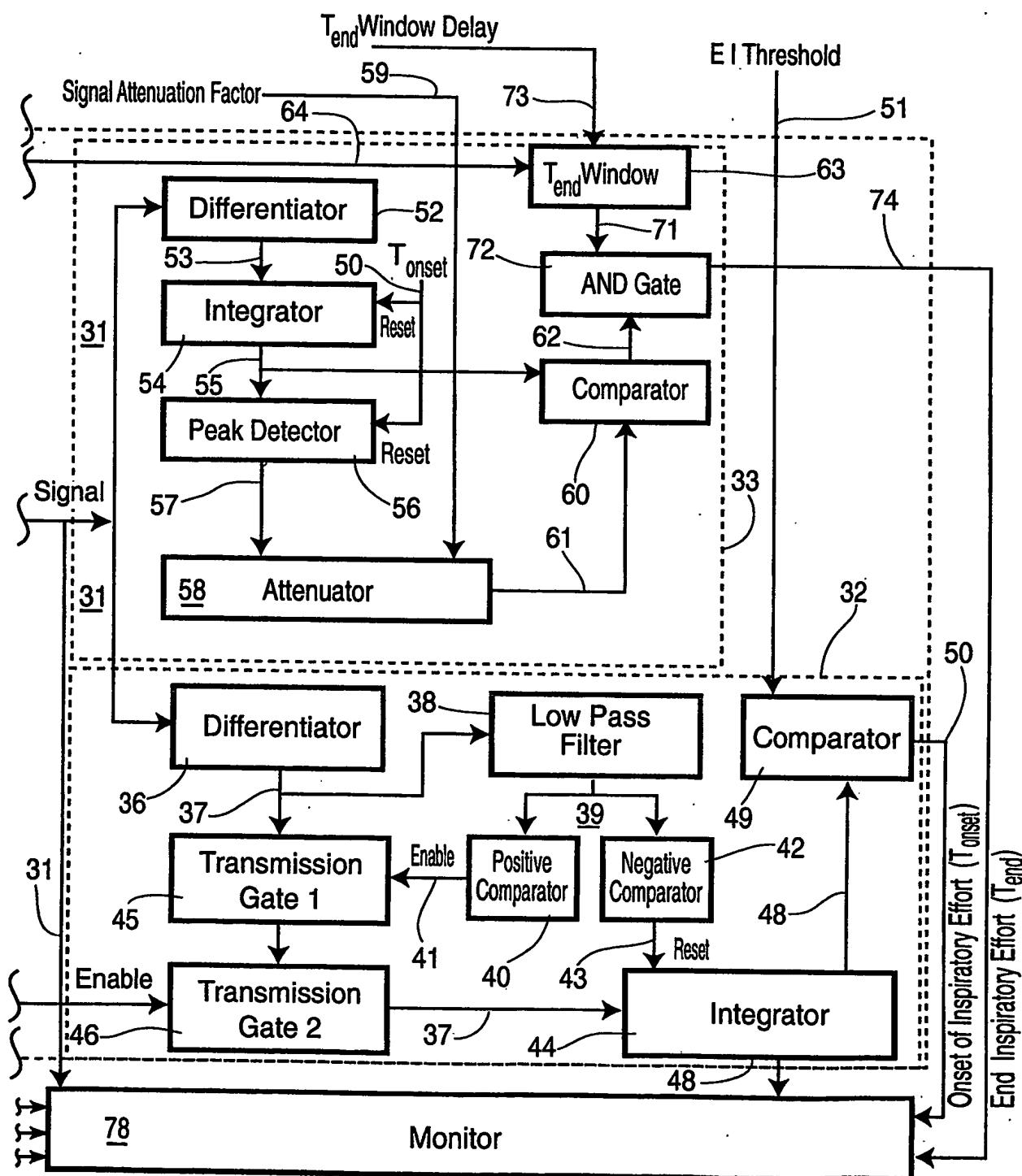
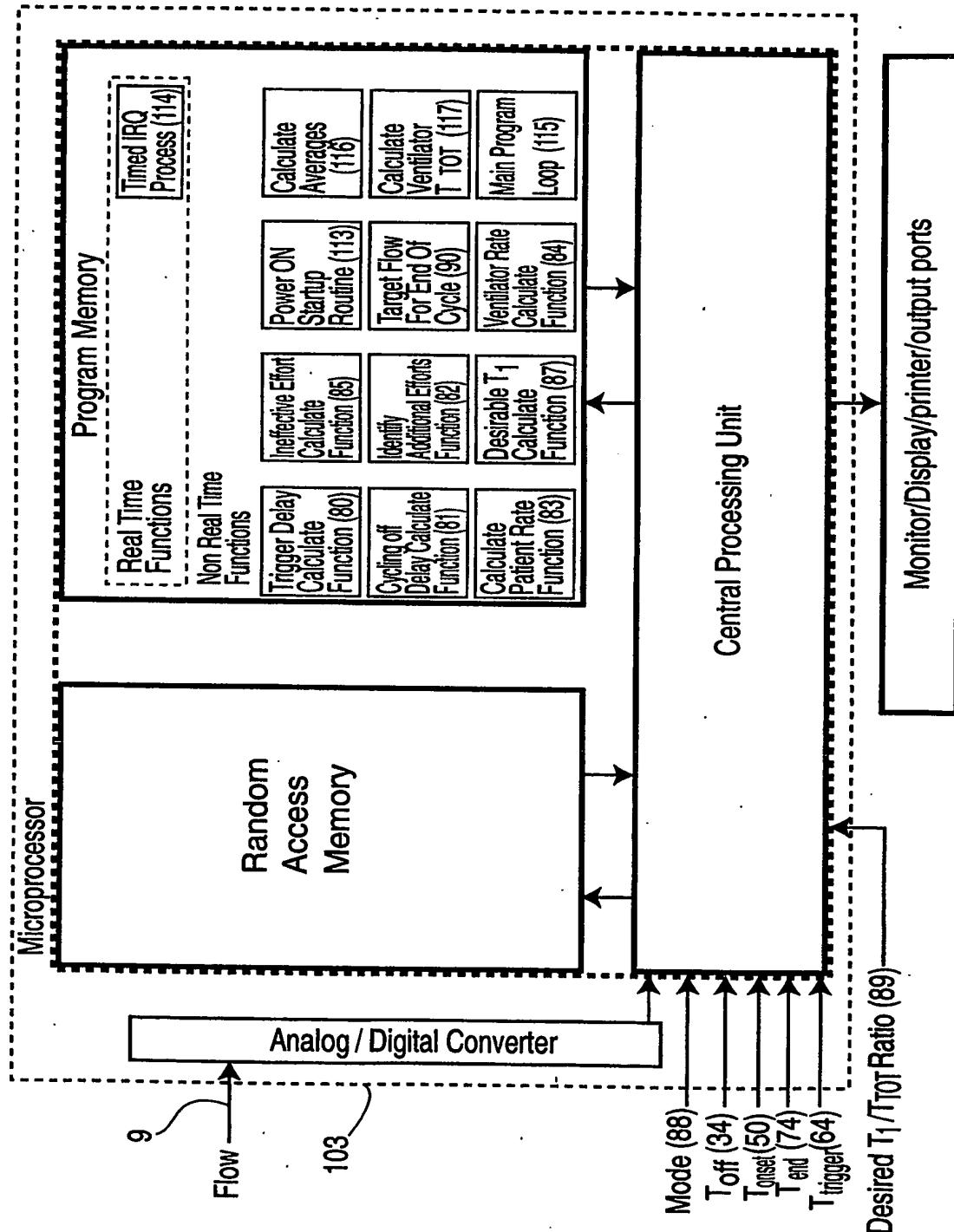
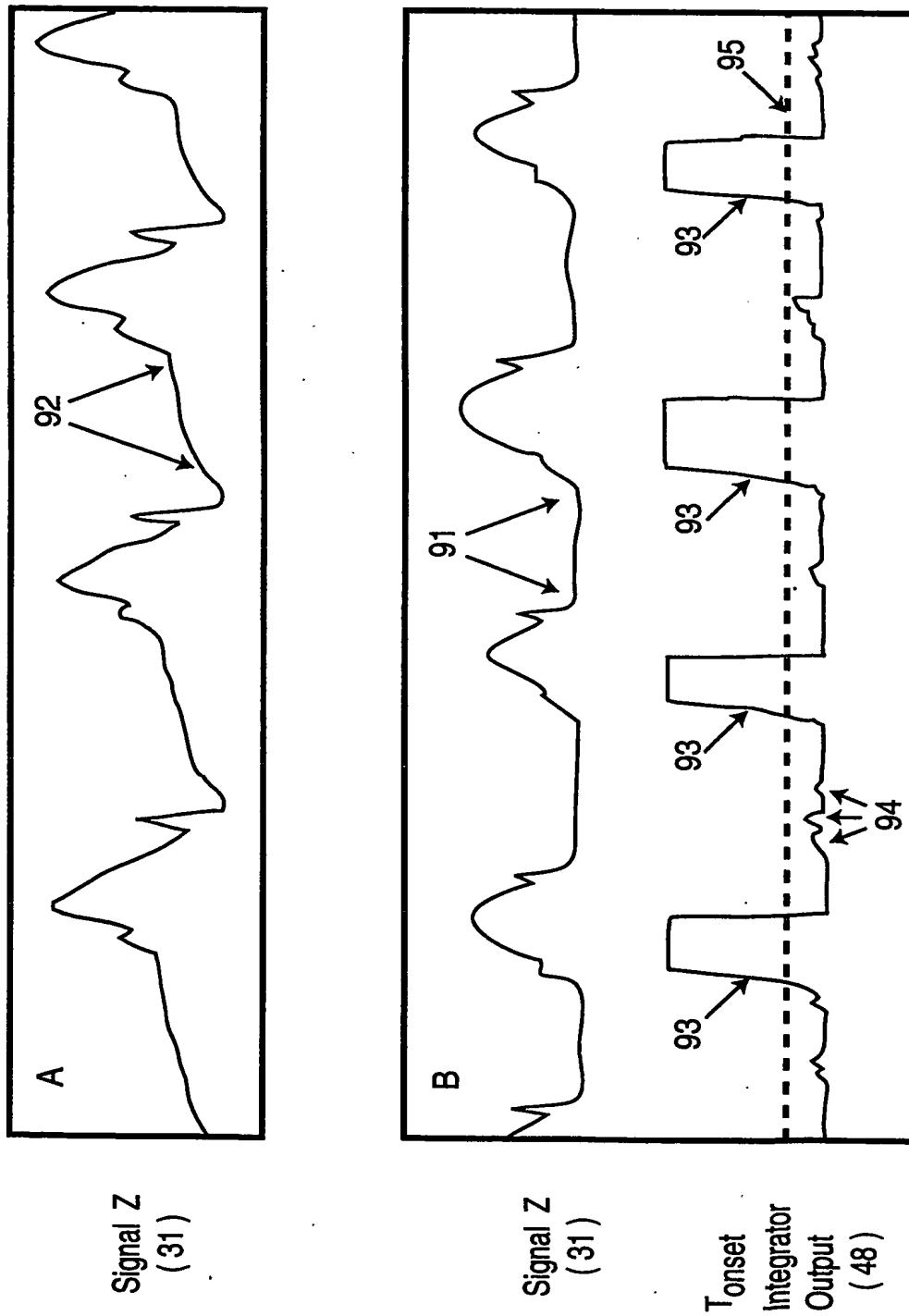


Figure 9
Digital Implementation of Output Functions



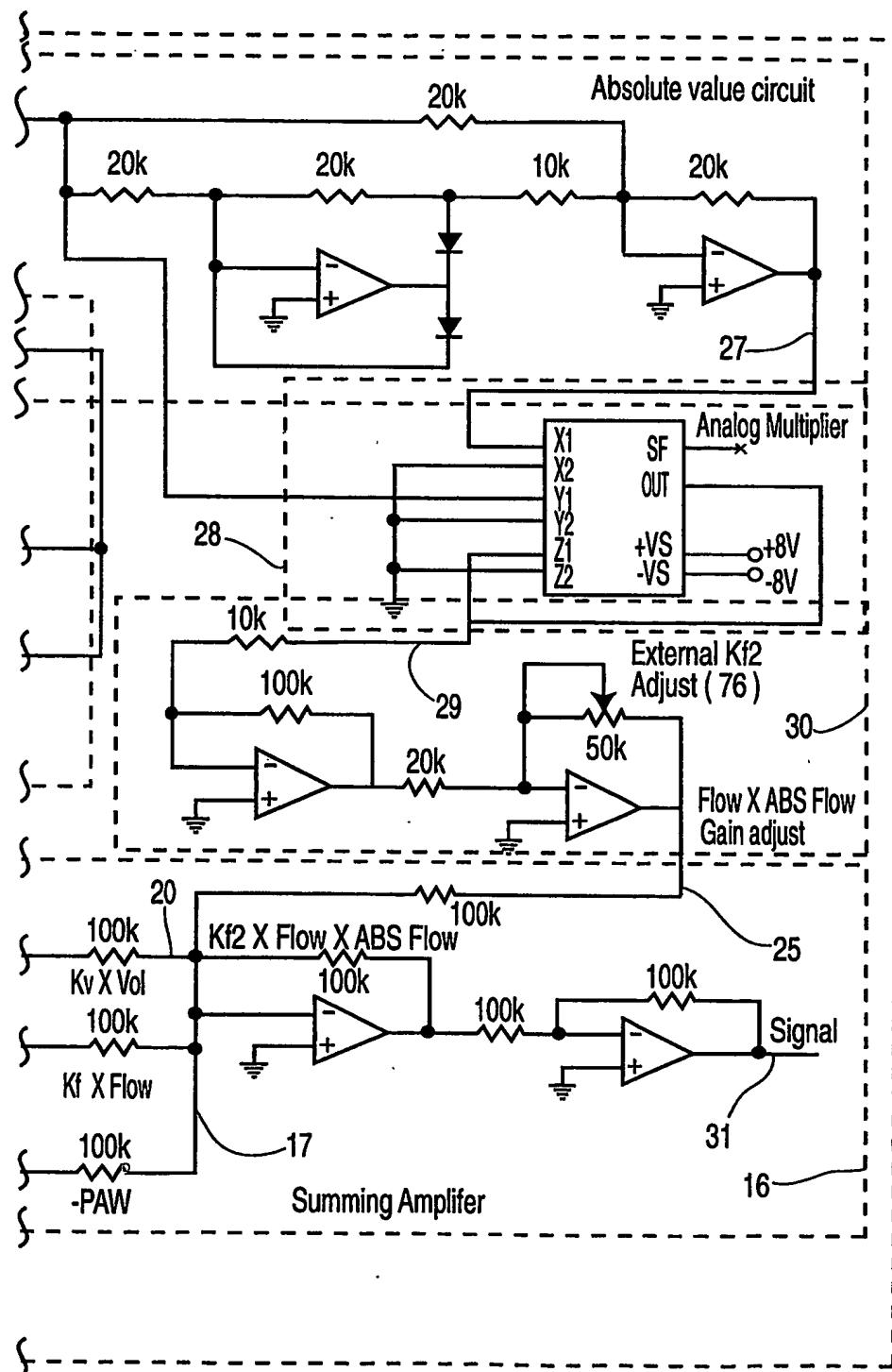
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Figure 10



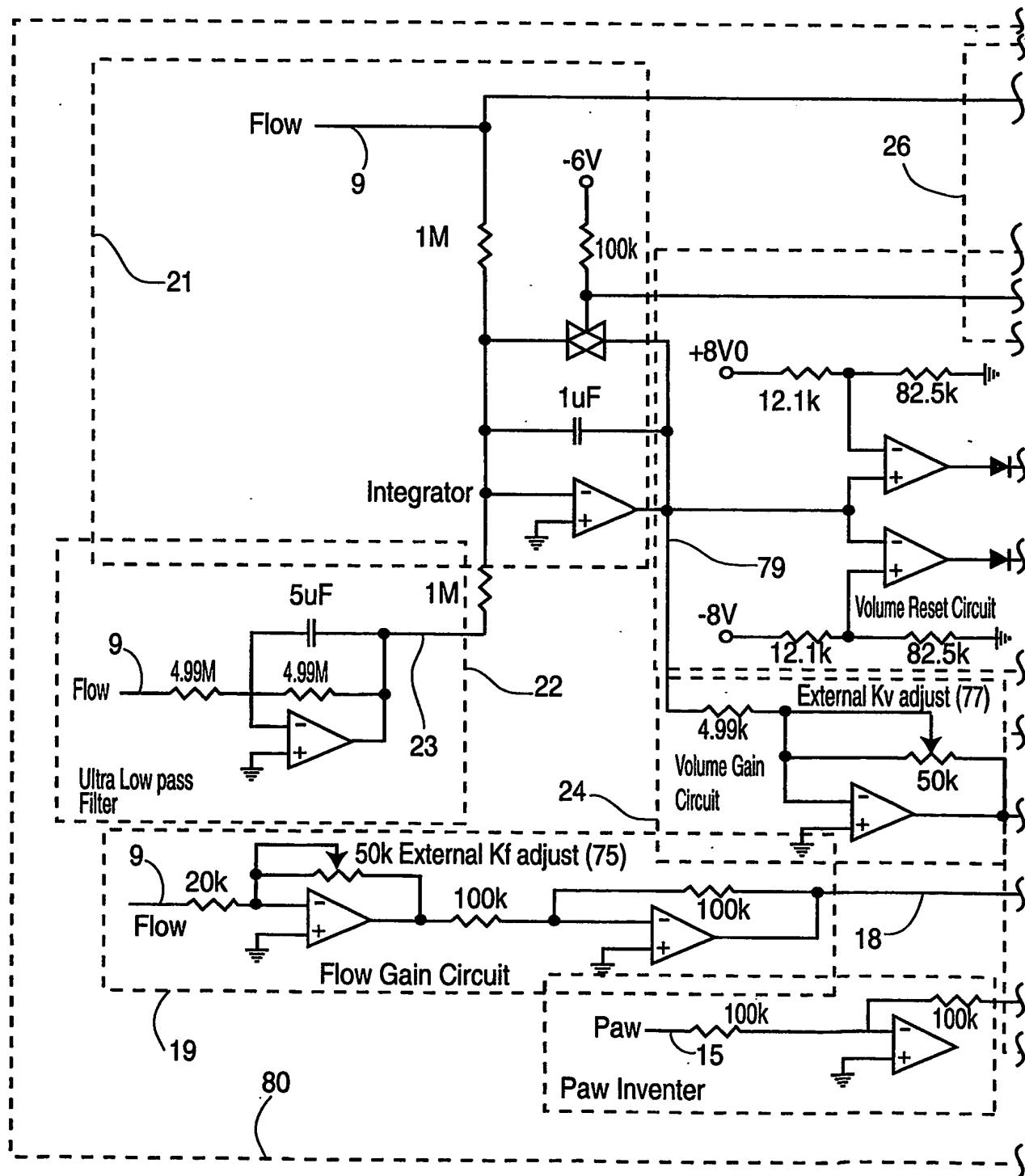
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Figure 11B



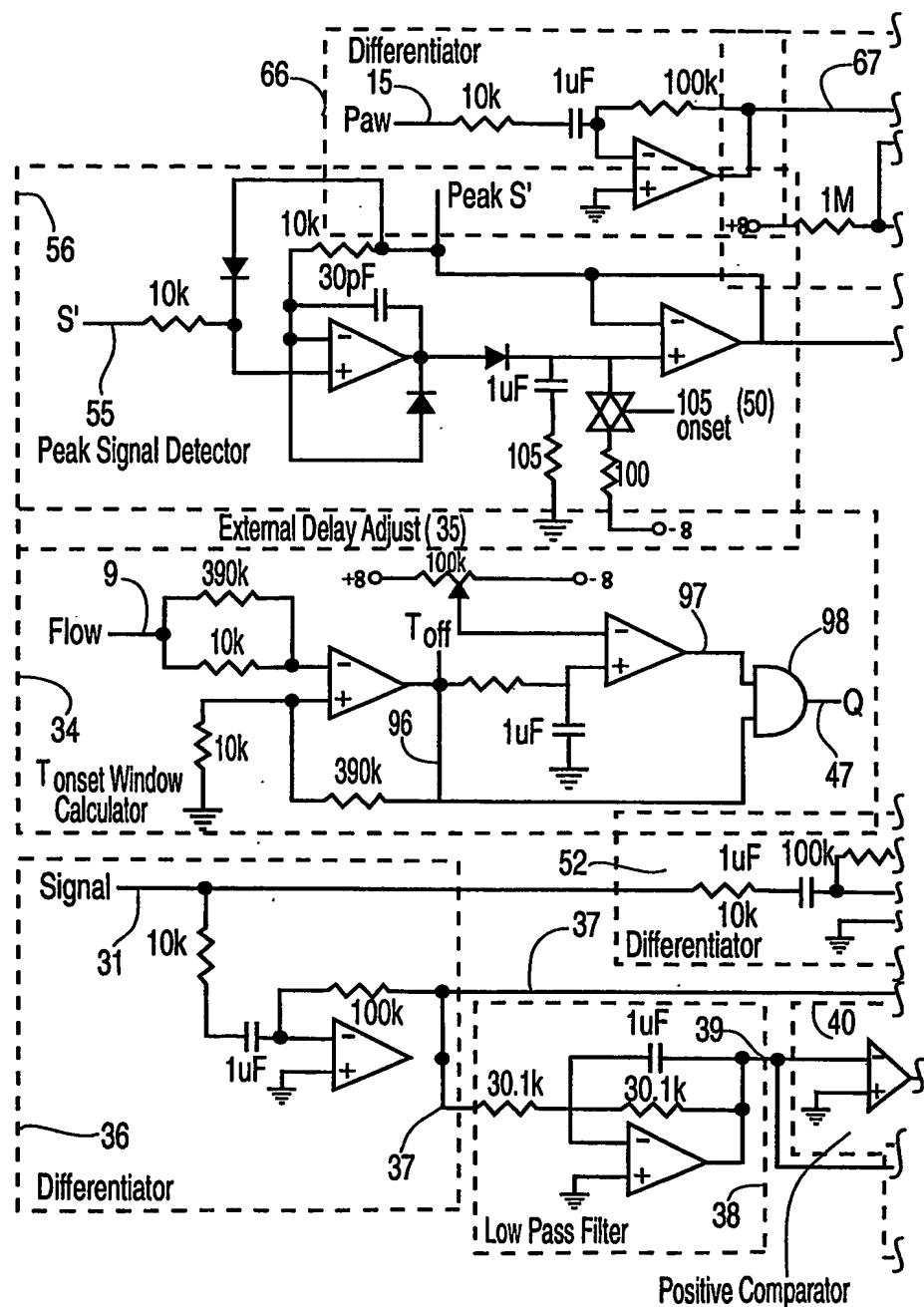
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Figure 11A



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Figure 12 A



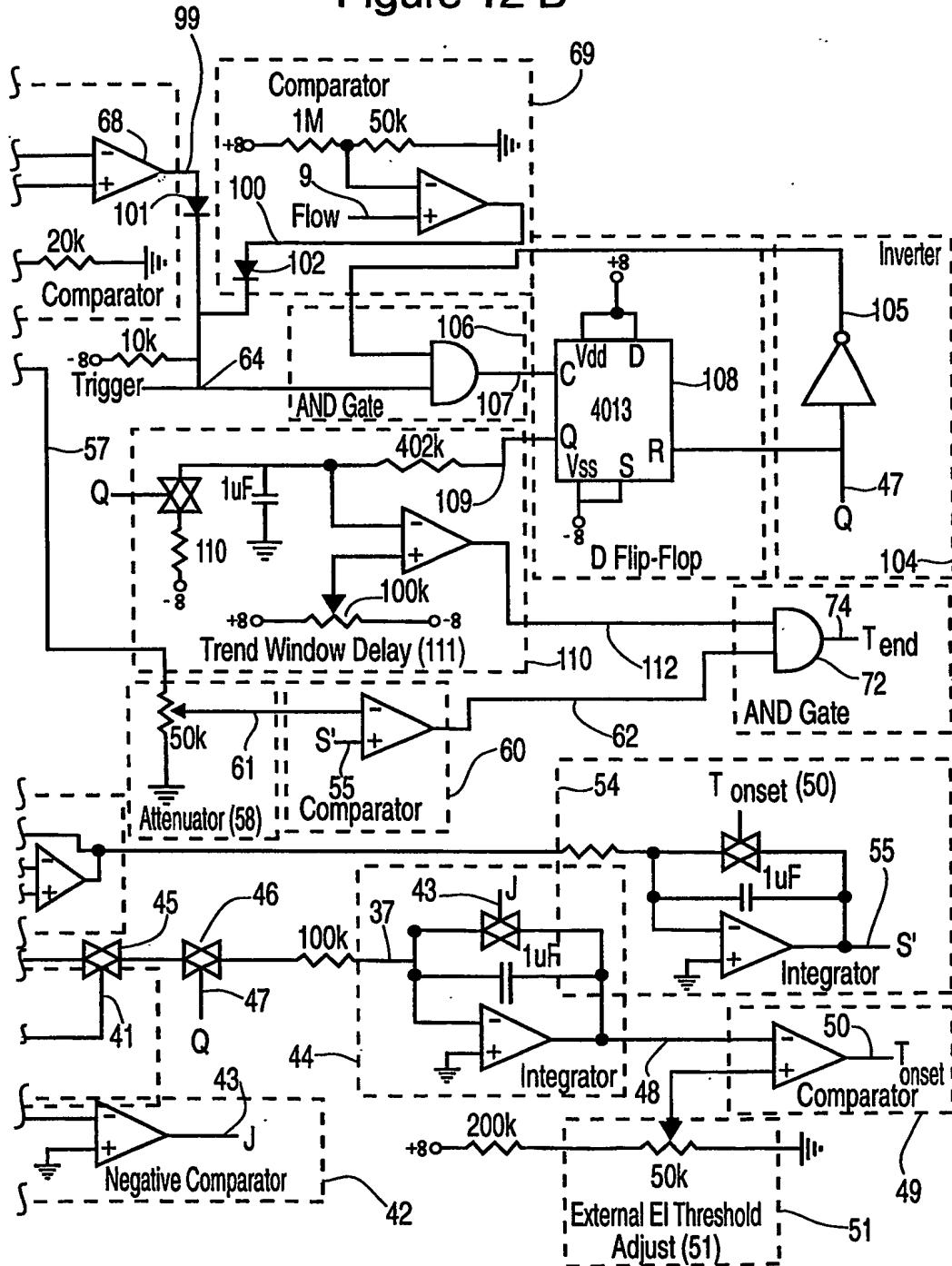
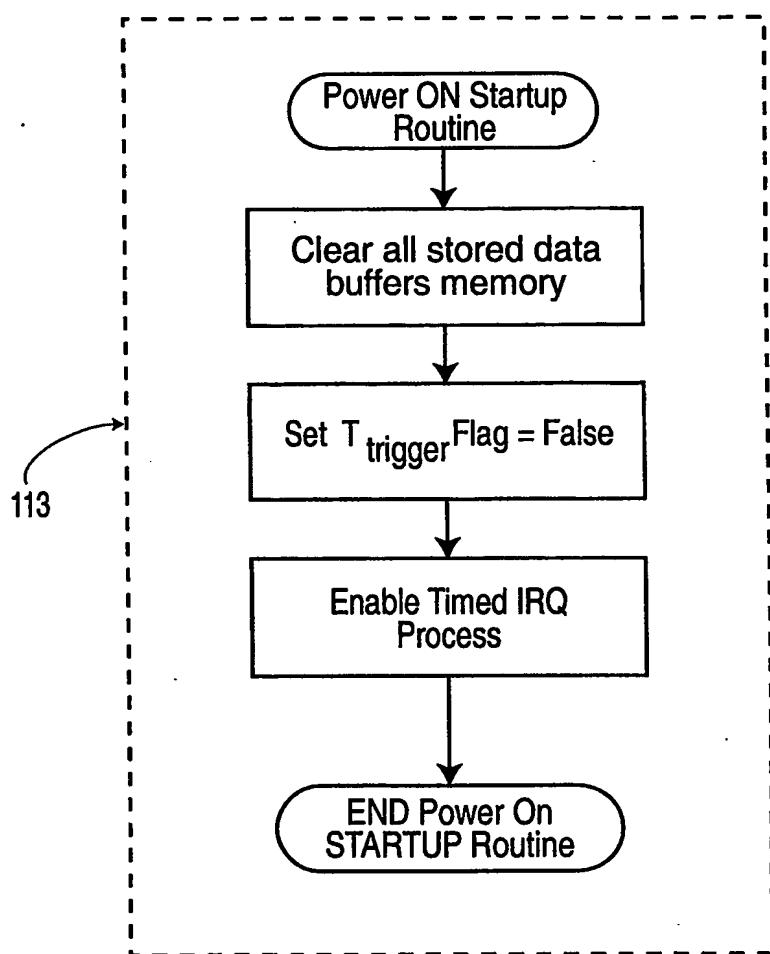
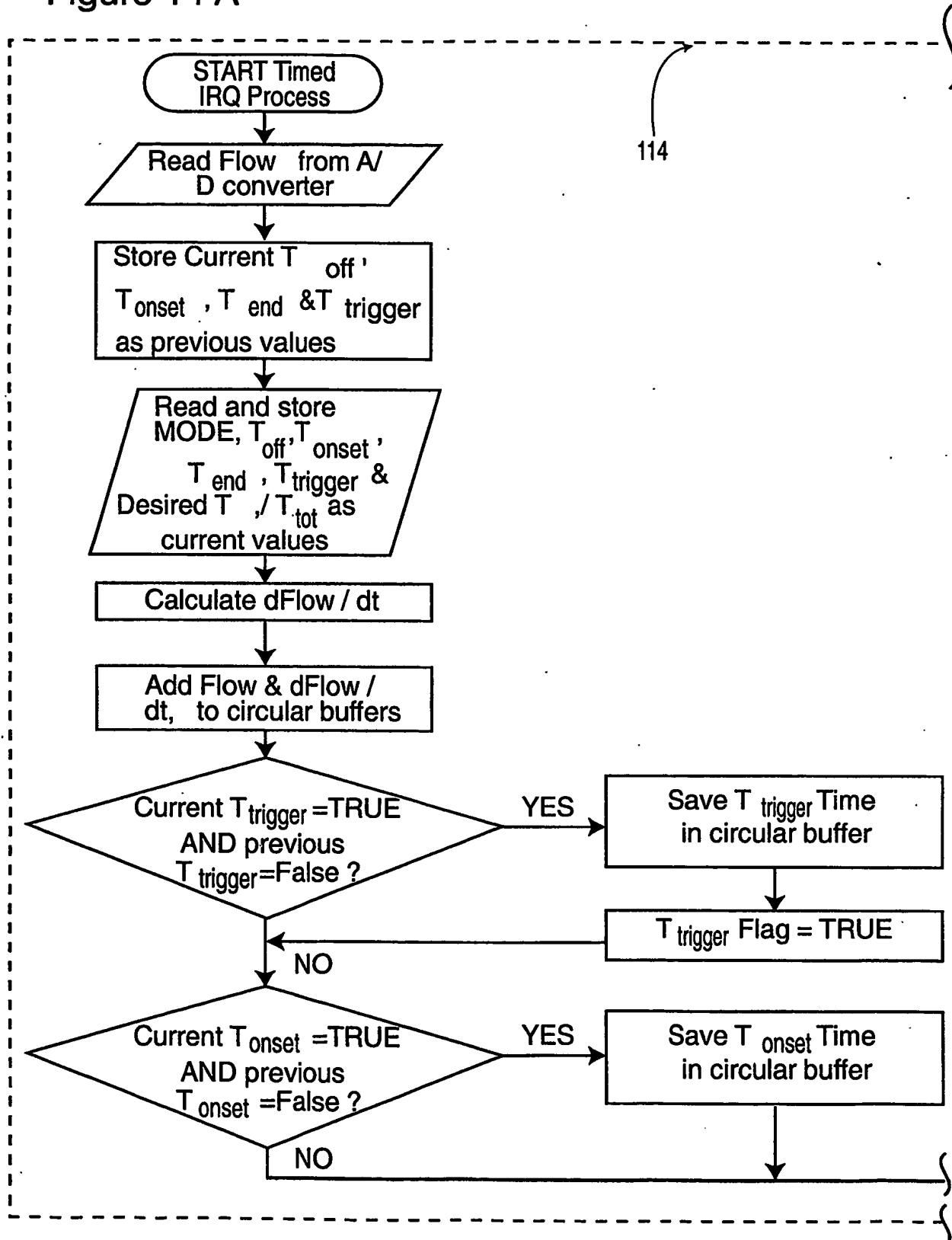
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Figure 12 B

Figure 13



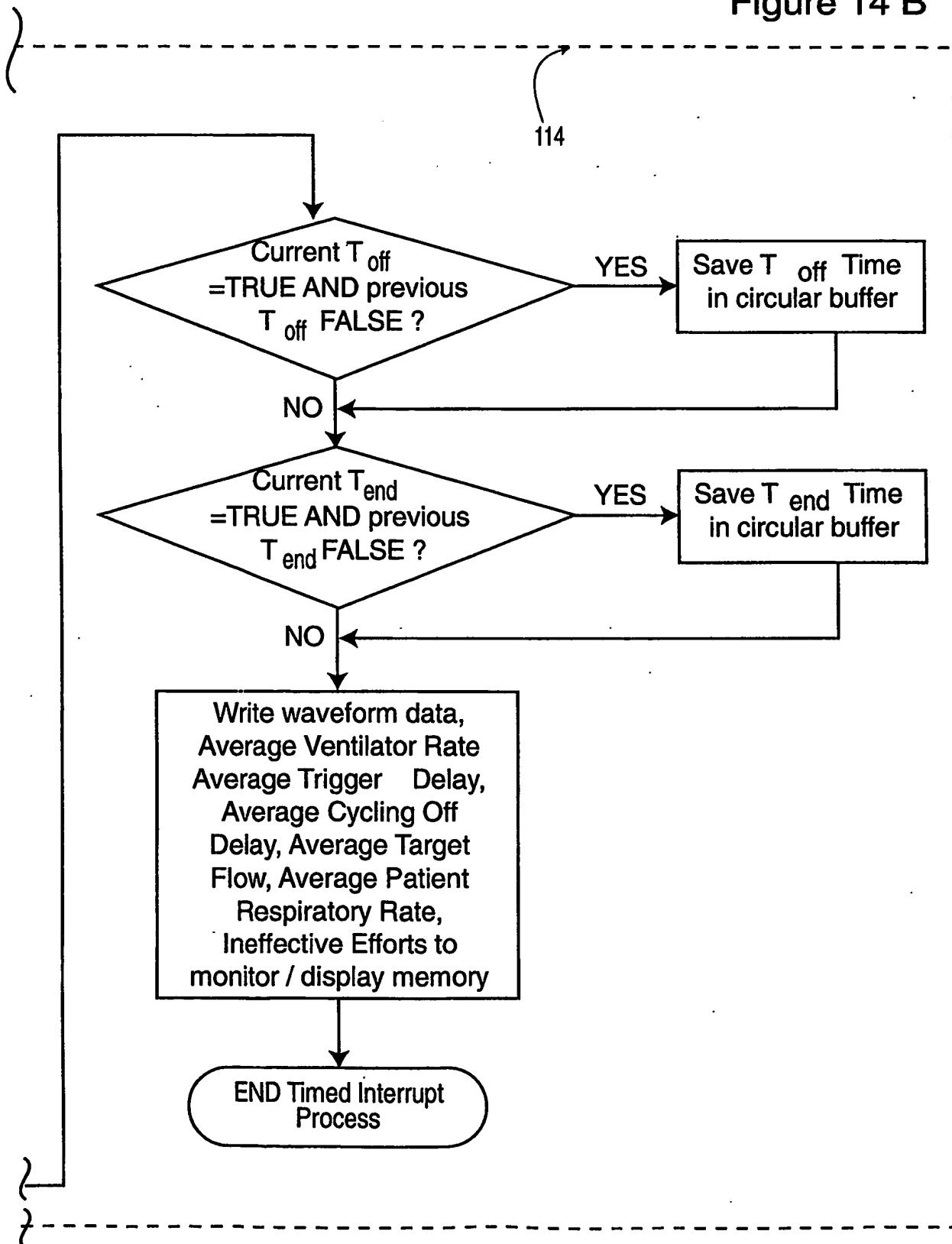
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Figure 14 A



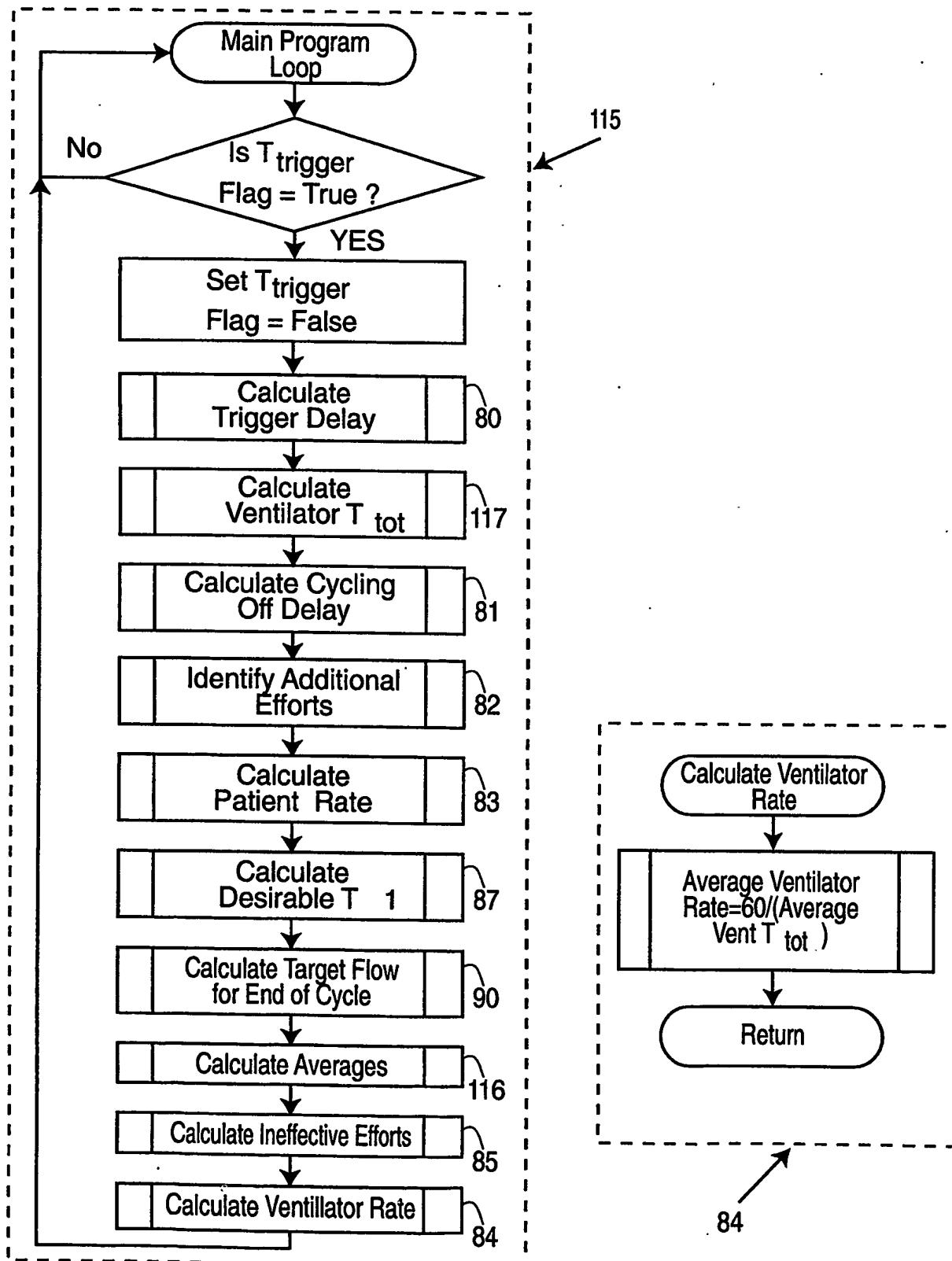
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Figure 14 B



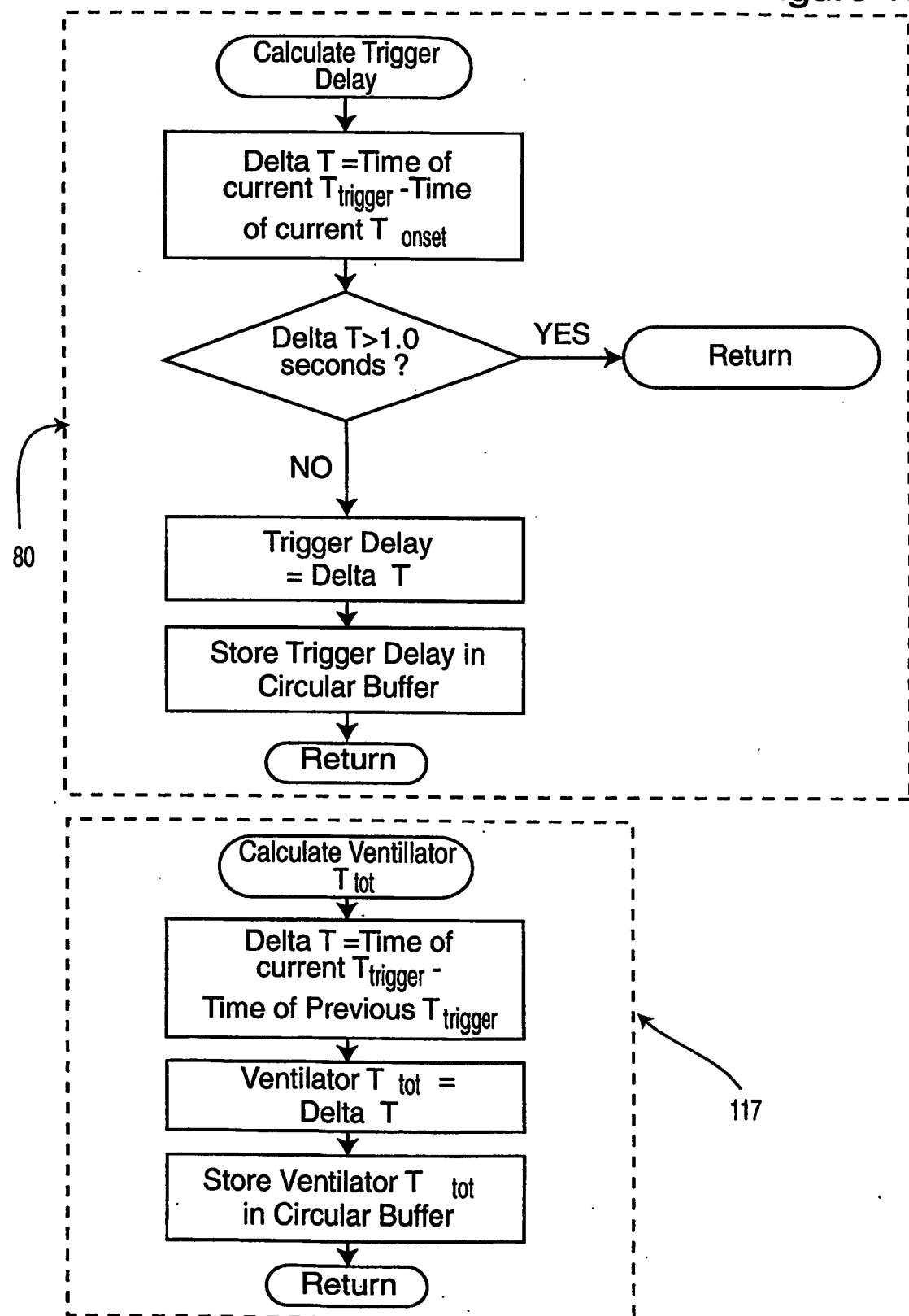
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Figure 15 A



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Figure 15 B



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Figure 16 A

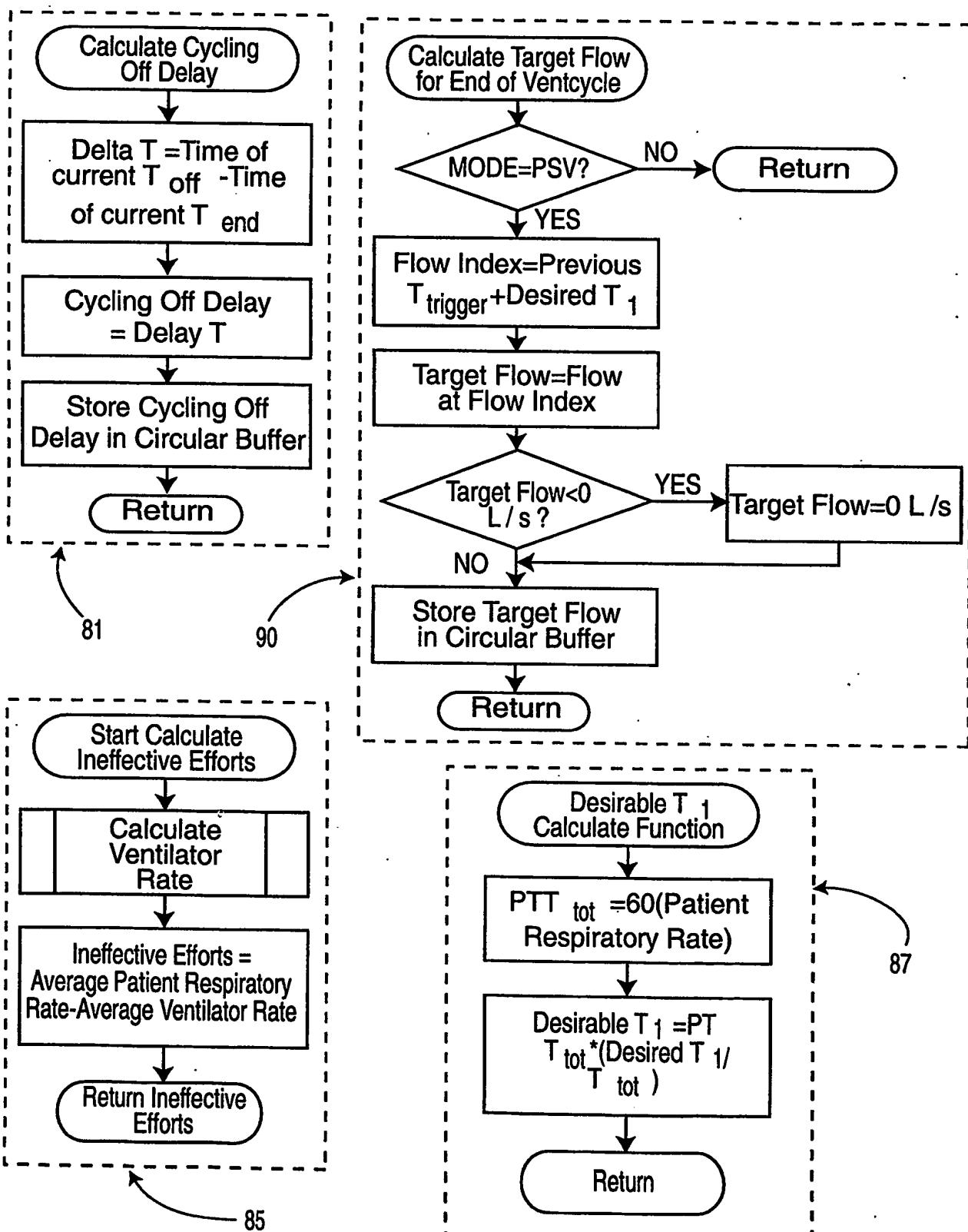
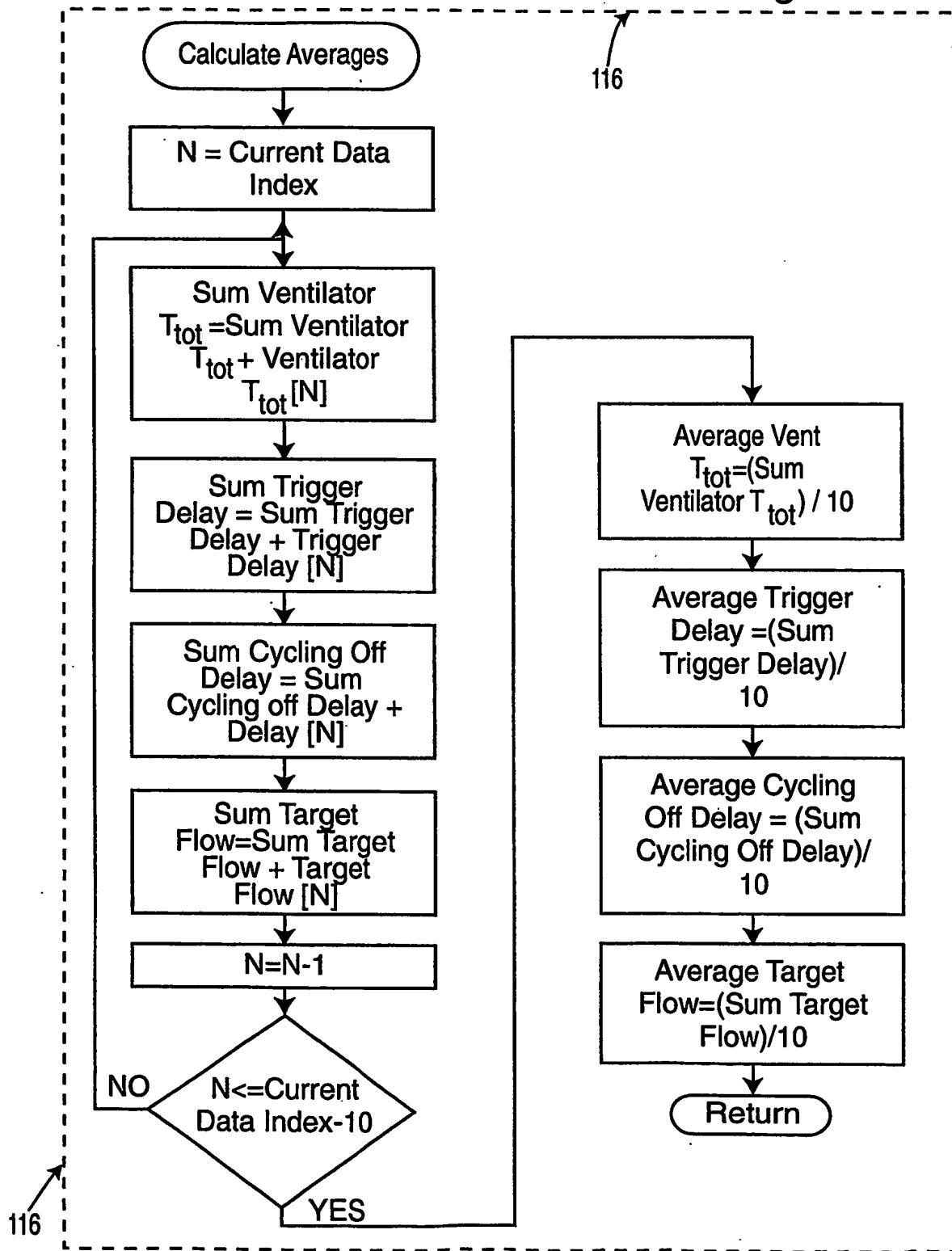
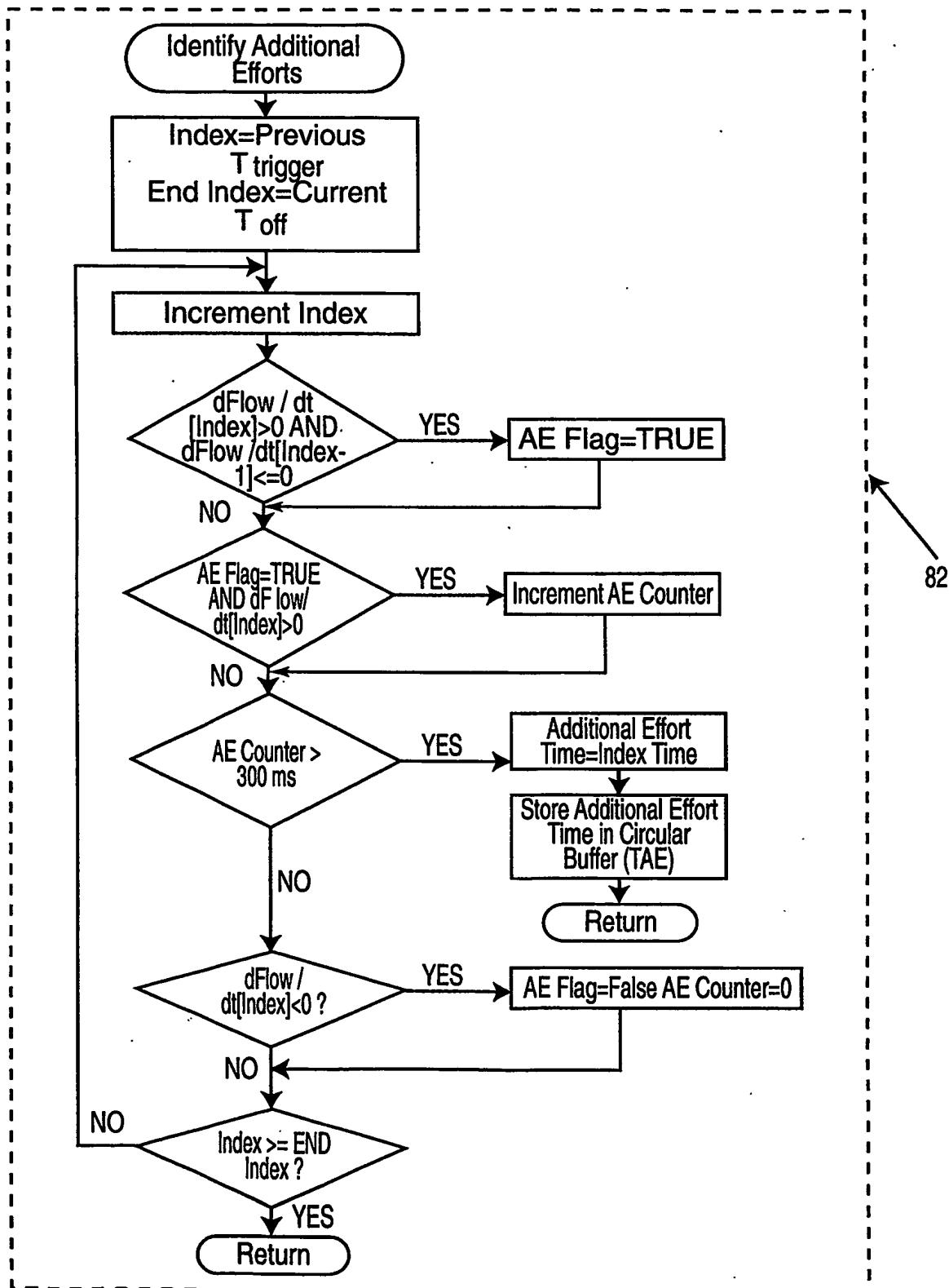


Figure 16 B



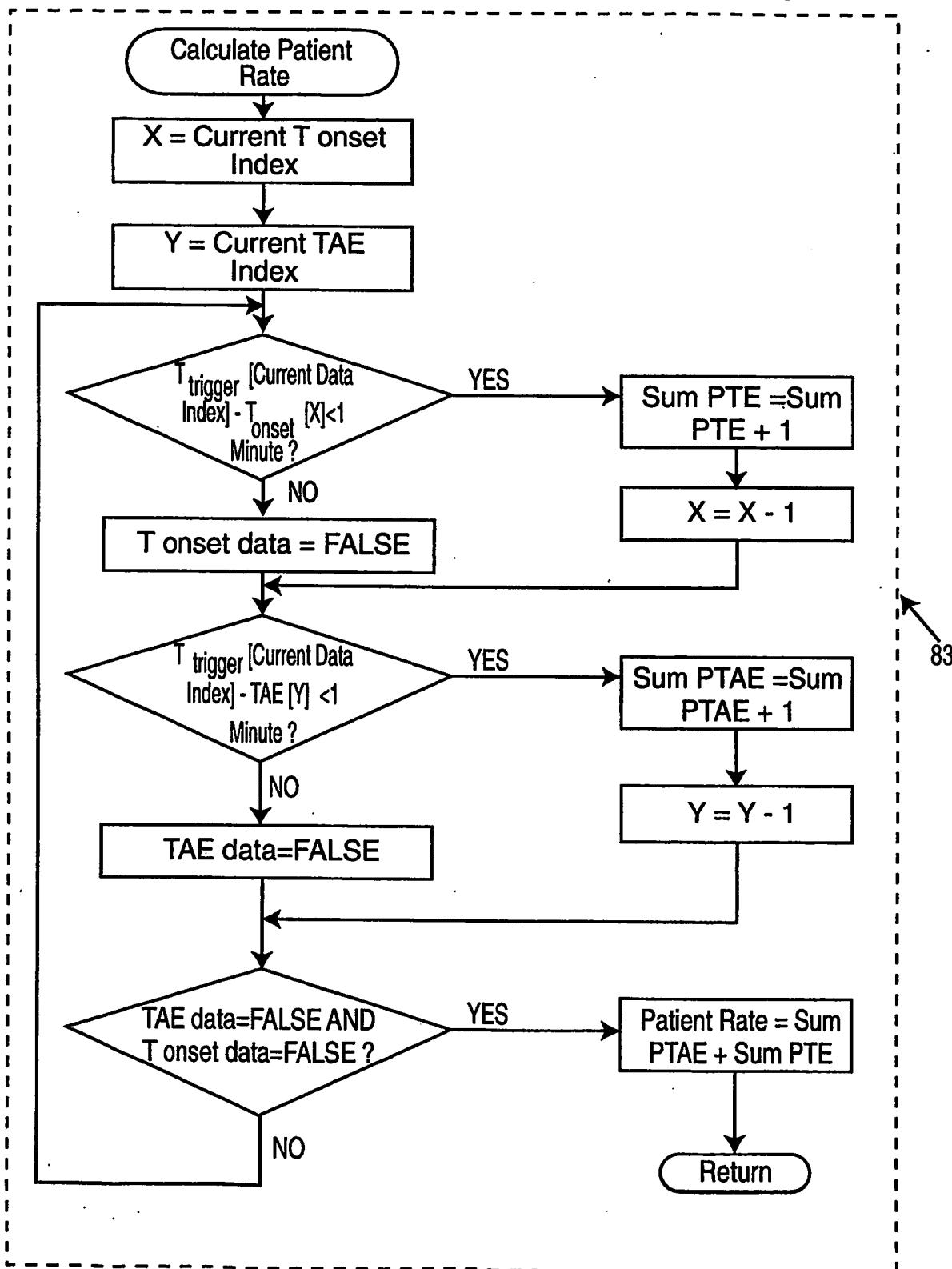
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Figure 17 A



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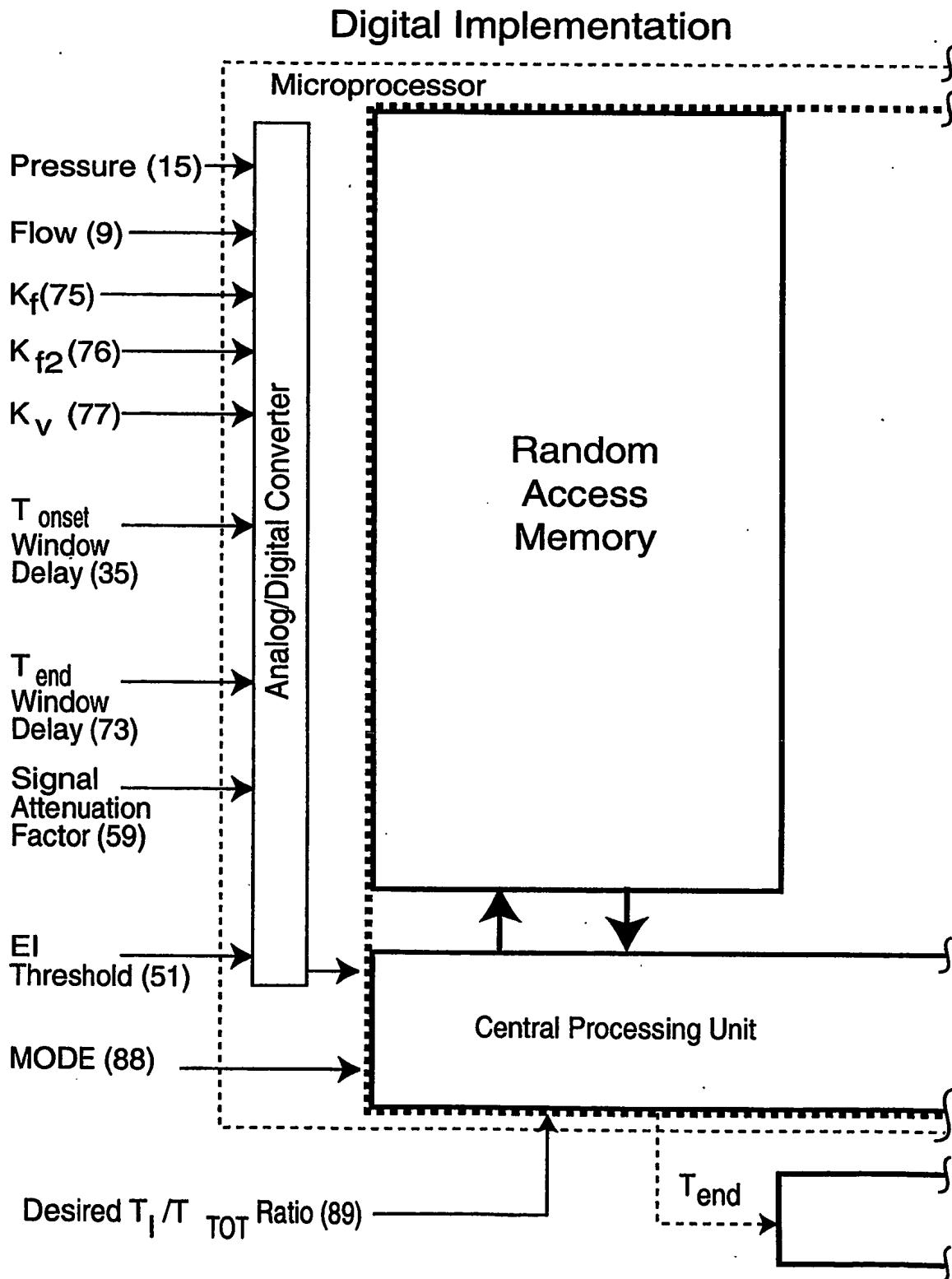
Figure 17 B



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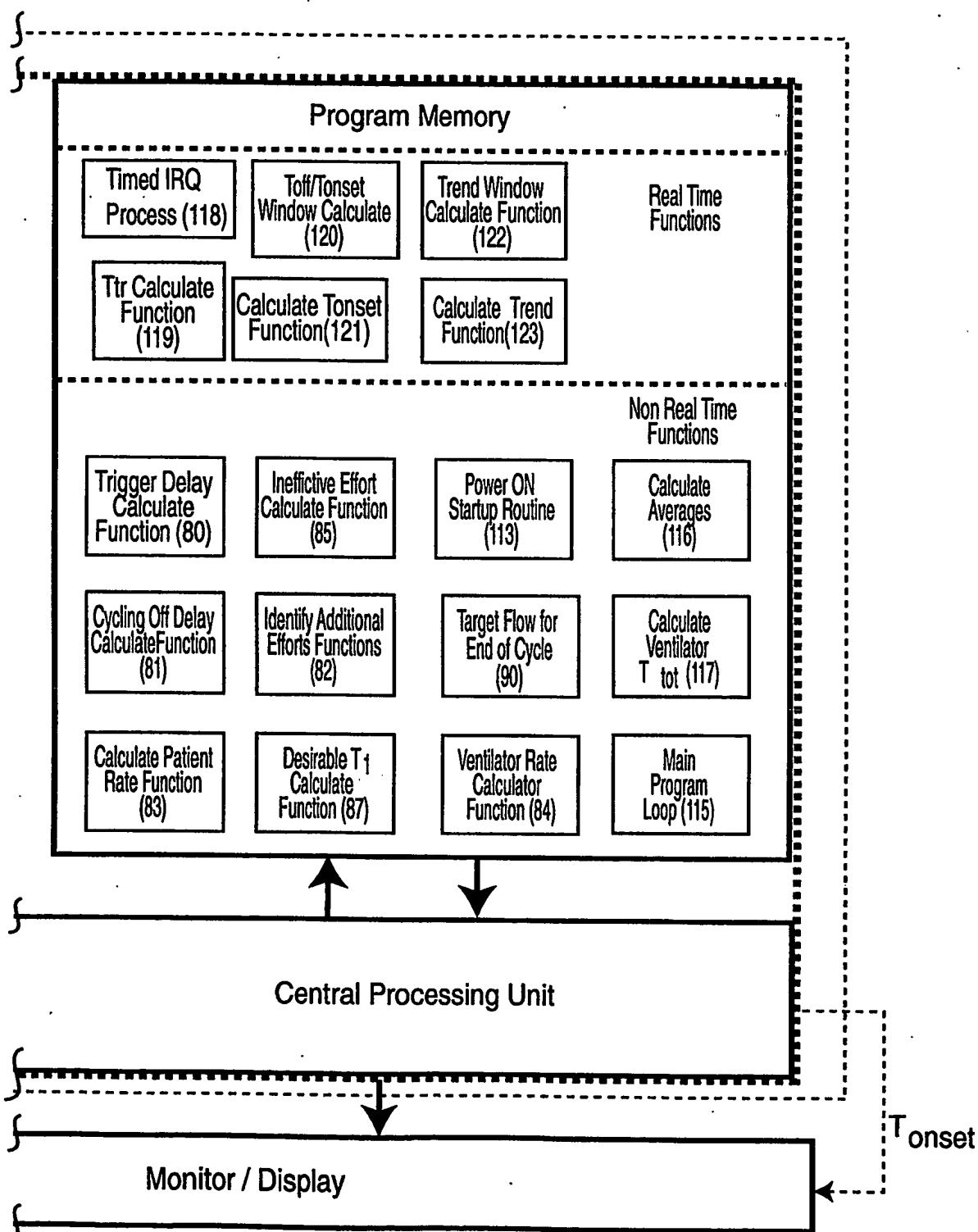
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Figure 18 A



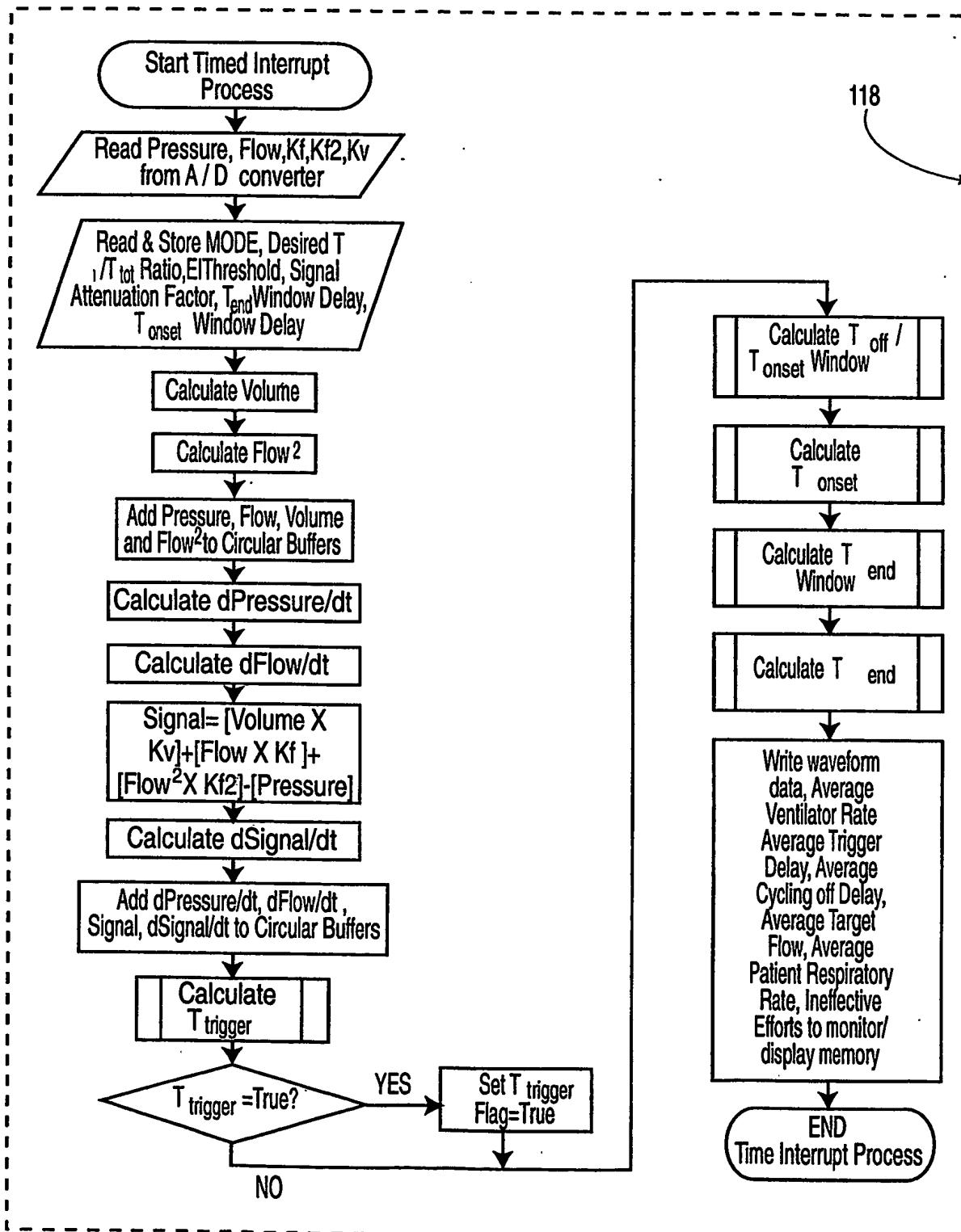
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Figure 18 B



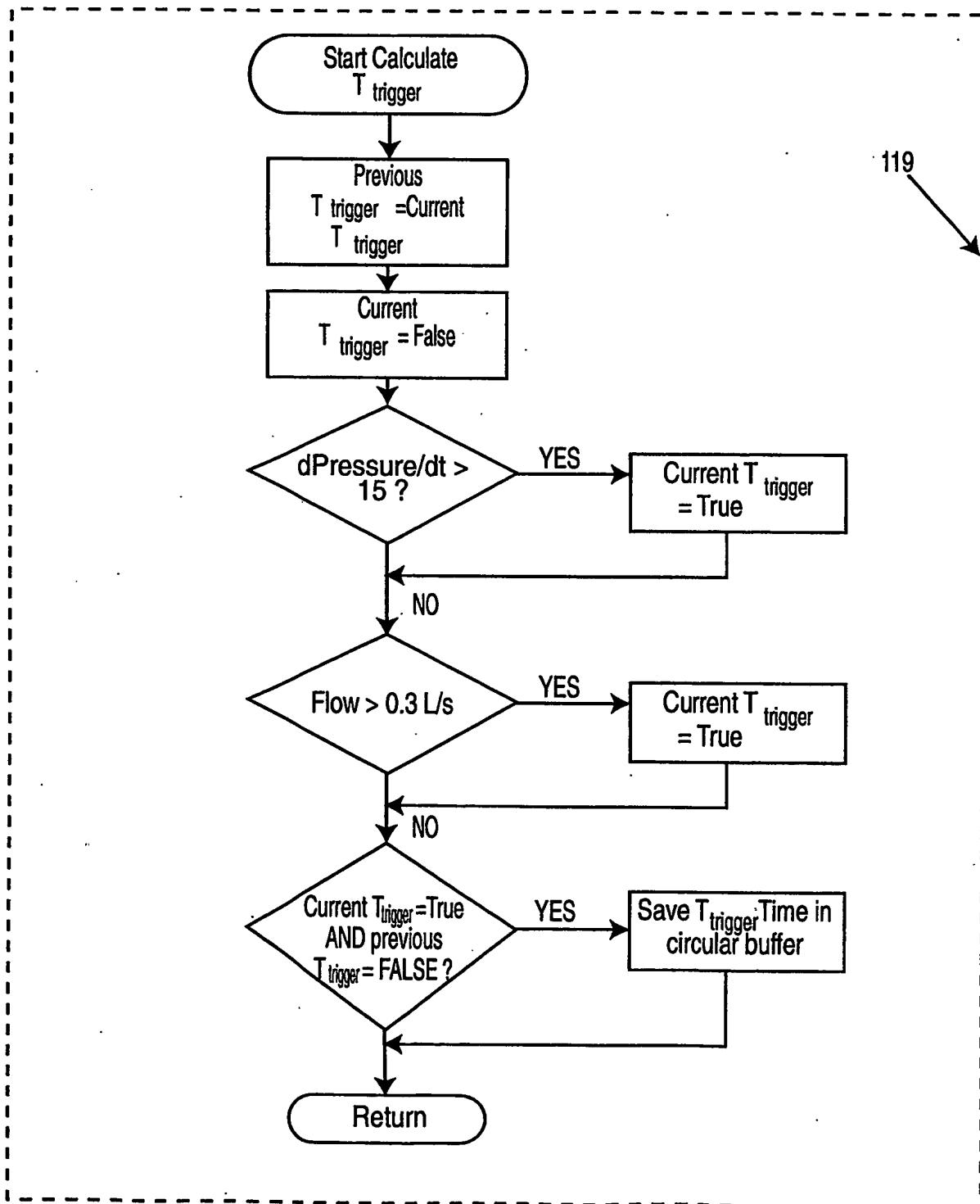
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Figure 19 A



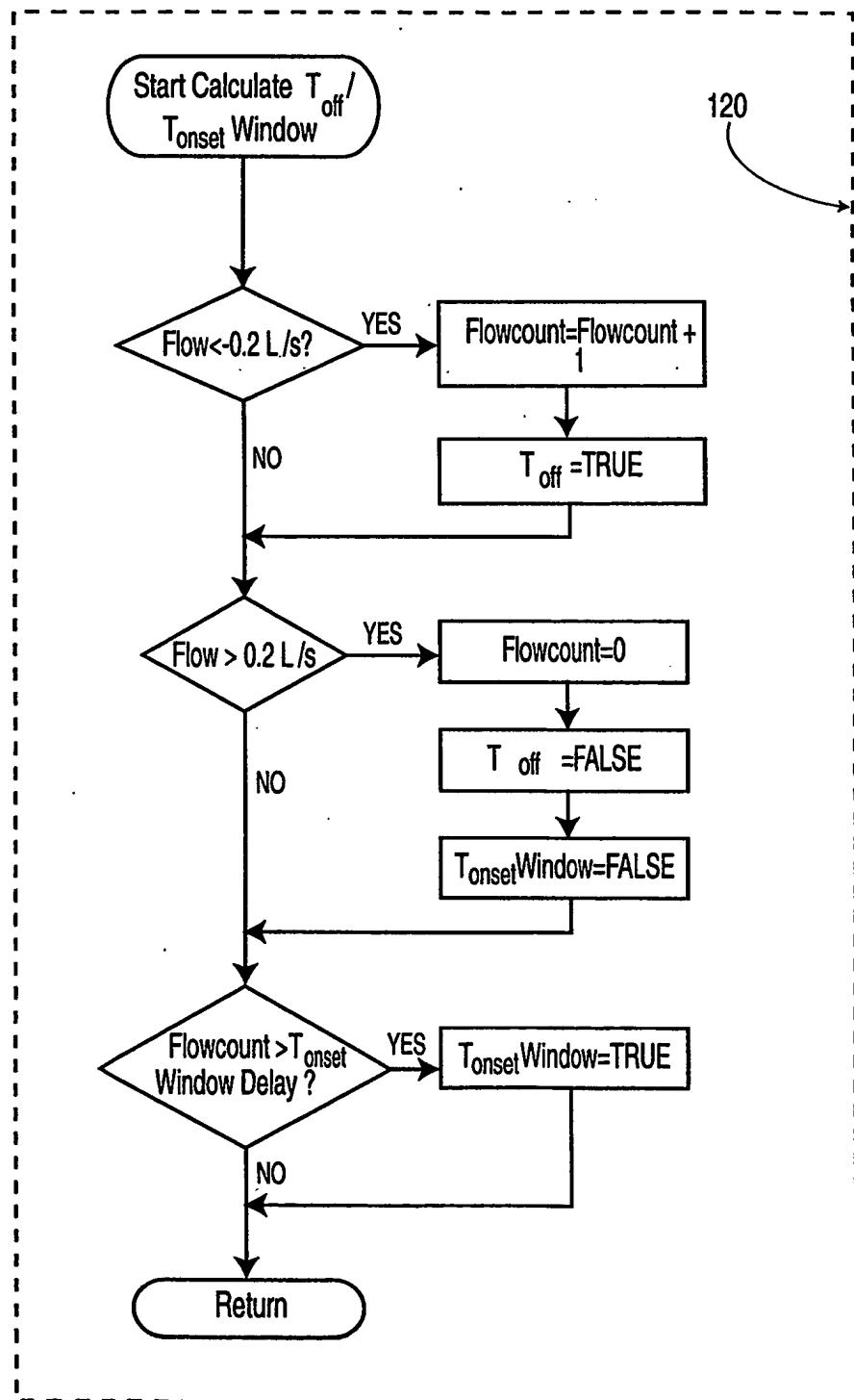
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Figure 19 B



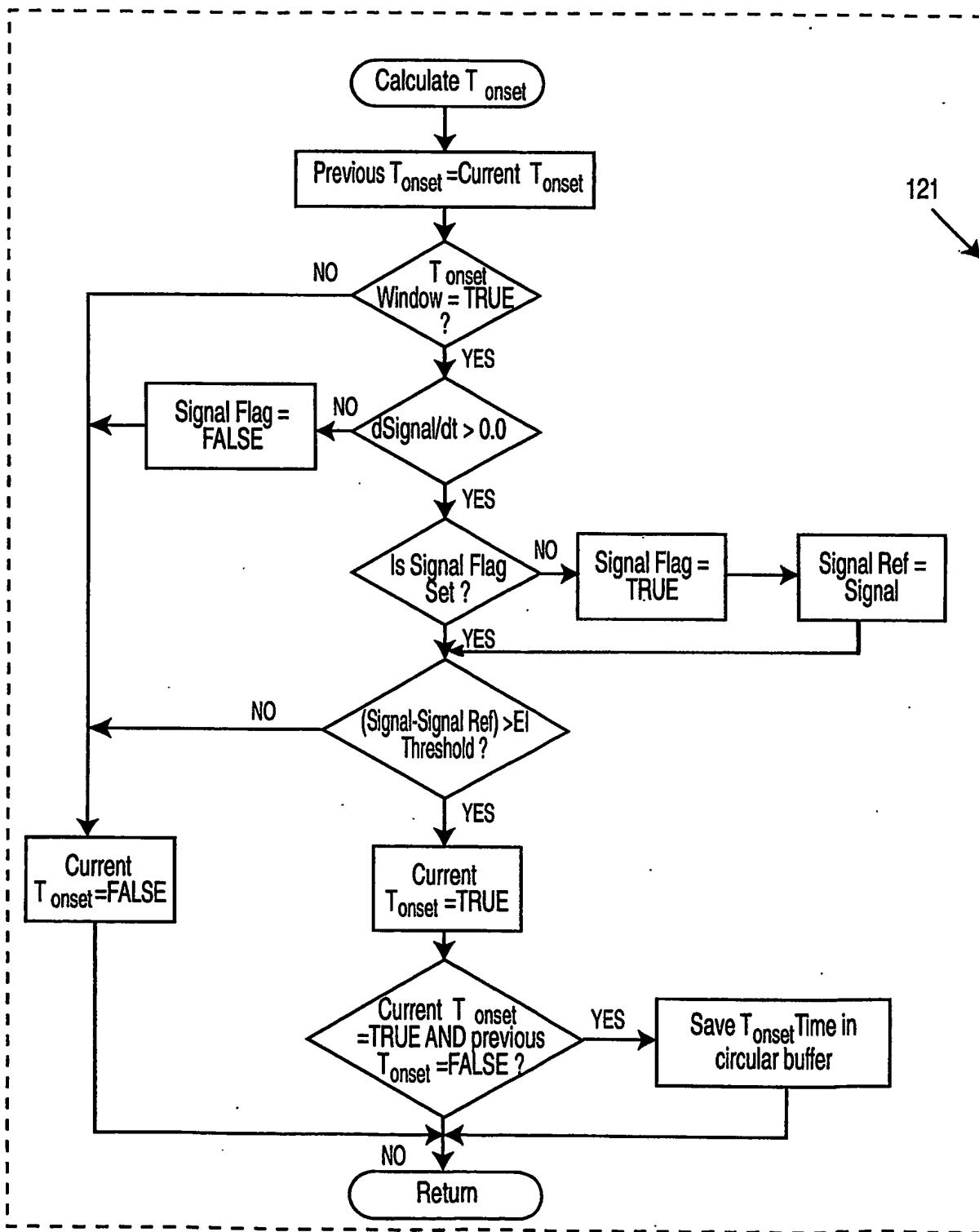
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Figure 20 A



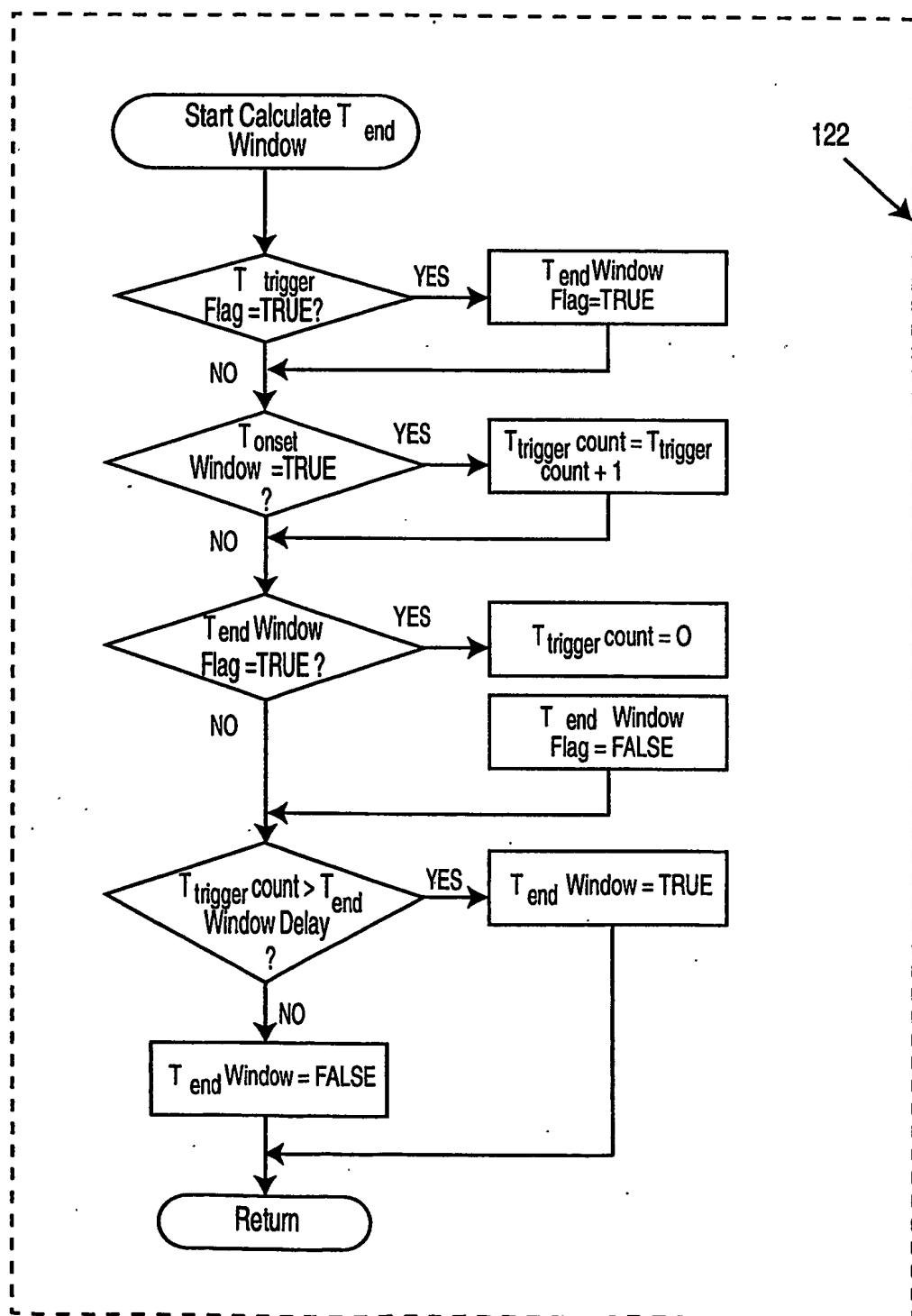
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Figure 20 B



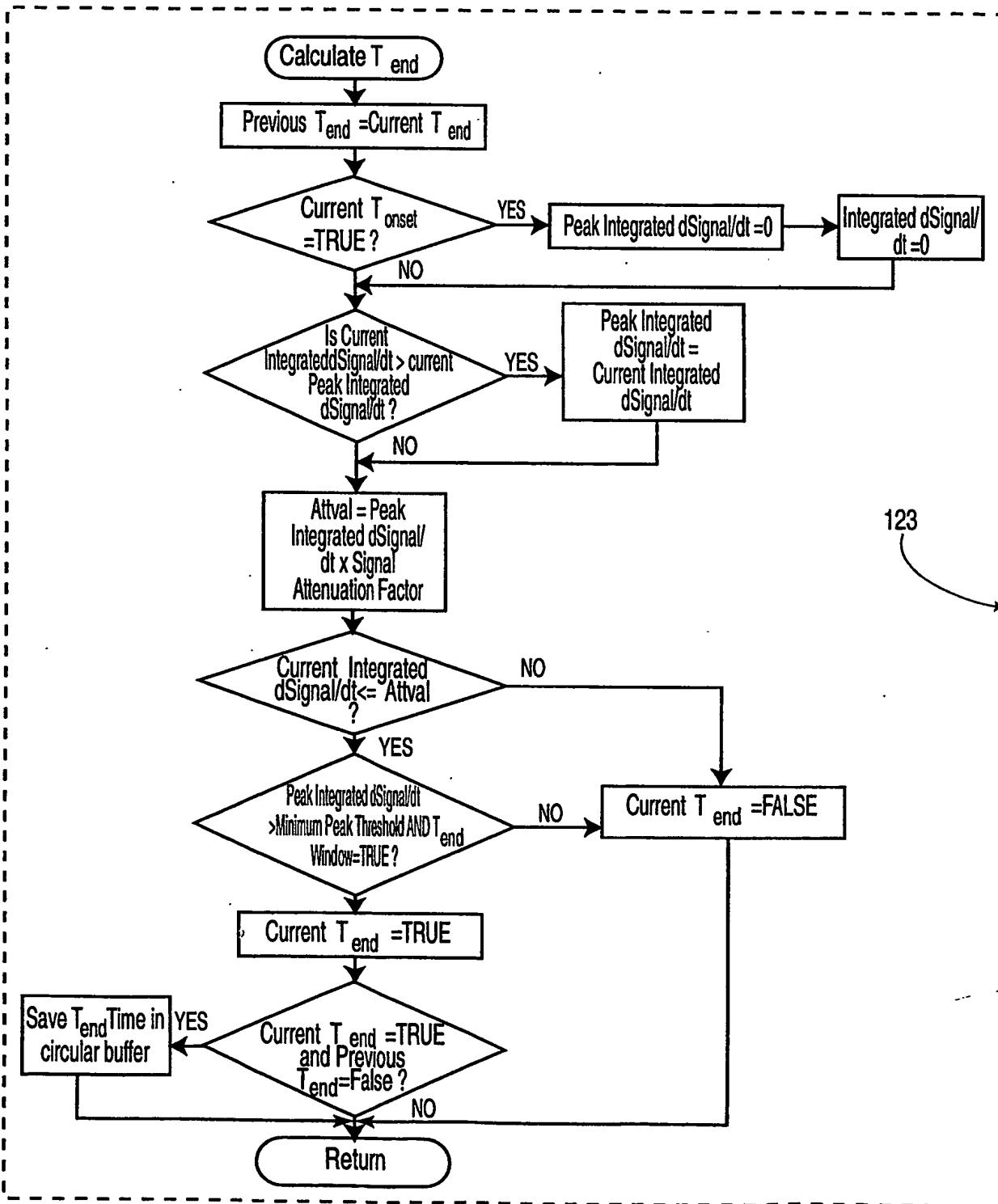
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Figure 21 A



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Figure 21 B



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